

calophylla) fruit was also found within the survey area. However, it is deemed not to be ‘quality’ foraging habitat under these guidelines due to this fauna habitat being highly degraded and therefore unlikely to be significant for local populations of these birds. The *Banksia* trees are isolated and disconnected within existing vegetation and some are planted. The survey area is also more than 12 km from any known confirmed breeding site, which is significant as individuals generally do not travel greater than this distance from a nest site to forage (Department of Sustainability Environment Water Population and Communities 2012). Therefore the survey area is not considered important foraging habitat to sustain breeding pairs.

5.3 Recommendations

5.3.1 Further Field Investigations

A targeted winter survey for *Drakaea elastica* (T) should be considered within the areas of *Kunzea glabrescens* tall shrubland in good or better condition to confirm the presence or absence of this species.

A number of Conservation and Resource Enhancement category wetlands were identified during the desktop assessment. Based on the vegetation association and condition mapping from the current survey, it is recommended that clarification and possibly re-evaluation of some wetland boundaries and management categories is undertaken. Several wetland areas immediately adjacent to the survey area may also require further survey if they have the potential to be impacted from the proposed works.

For any potential works undertaken in the survey area that require dewatering, drainage works or excavation of more than 100 cubic metres, an ASS investigation should be carried out. It is likely that ASS will be present as some parts of the survey area have been mapped as a ‘High to Moderate Probability of Occurrence’.

5.3.2 Management Measures

Where practicable, disturbance to Priority flora recorded should be avoided. To minimise impacts to vegetation, vehicles and plant machinery should remain within areas designated for clearing such as tracks. Weed and soil measures in accordance with Main Roads Statewide Purpose Clearing Permit, CPS818/12 should be implemented during clearing and construction to prevent further spread of weeds. This is of particular relevance for the Declared pests recorded in the survey area.

The survey area provides minimal foraging resources for black cockatoos and breeding habitat was not recorded, hence referral under the Commonwealth guidelines (Department of Sustainability Environment Water Population and Communities 2012) is not required.

If ASSs are found to be present then an appropriate ASS Management Plan would be required in accordance with the Department of Environment Regulation guidelines:

- Department of Environment Regulation 2015, *Identification and investigation of acid sulfate soils and acidic landscapes, June 2015* (Department of Environment Regulation 2015b)
- Department of Environment Regulation 2015, *Treatment and management of soils and water in acid sulfate soil landscapes, June 2015* (Department of Environment Regulation 2015c)

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Appendix A: Vegetation Classification and Condition Scales, and Fauna Habitat Condition Scale

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Table A.1: Vegetation Classification System Specht (1970) as modified by Aplin (1979).

Stratum	70-100% cover	30-70% cover	10-30% cover	2-10% cover	<2% cover
Trees >30 m	Tall closed forest	Tall open Forest	Tall woodland	Tall open woodland	Scattered tall trees
Trees 10-30 m	Closed forest	Open forest	Woodland	Open woodland	Scattered trees
Trees <10 m	Low closed forest	Low open forest	Low woodland	Low open woodland	Scattered low trees
Shrubs >2 m	Tall closed scrub	Tall open scrub	Tall shrubland	Tall open shrubland	Scattered tall shrubs
Shrubs 1-2 m	Closed heath	Open heath	Shrubland	Open shrubland	Scattered shrubs
Shrubs <1 m	Low closed heath	Low open heath	Low shrubland	Low open shrubland	Scattered low shrubs
Hummock grasses	Closed hummock grassland	Hummock grassland	Open hummock grassland	Very open hummock grassland	Scattered hummock grasses
Grasses, sedges, herbs	Closed tussock grassland/ sedgeland/ herbland	Tussock grassland/ sedgeland/ herbland	Open tussock grassland/ sedgeland/ herbland	Very open tussock grassland/ sedgeland/ herbland	Scattered tussock grasses/sedges/herbs

Table A.2: Summary of adapted vegetation condition scale (Keighery 1994).

Vegetation condition	Condition description
Pristine	Pristine or nearly so, no obvious signs of disturbance.
Excellent	Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species.
Very Good	Vegetation structure altered obvious signs of disturbance. Disturbance to vegetation structure covers repeated fire, aggressive weeds, dieback, logging, grazing.
Good	Vegetation structure significantly altered by very obvious signs of multiple disturbances. Retains basic vegetation structure or ability to regenerate it. Disturbance to vegetation structure covers frequent fires, aggressive weeds at high density, partial clearing, dieback and grazing.
Degraded	Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management. Disturbance to vegetation structure includes frequent fires, presence of very aggressive weeds, partial clearing, dieback and grazing.
Completely Degraded	The structure of the vegetation is no longer intact and the area is completely or almost completely without native species. These areas often described as “parkland cleared” with the flora comprising weed or crop species with isolated native trees or shrubs.

Table A.3. Fauna habitat condition scale (Thompson and Thompson 2010).

Habitat condition	Condition description
High Quality Fauna Habitat	These areas closely approximate the vegetation mix and quality that would have been in the area prior to any human induced disturbance. The habitat has connectivity with other habitats and is likely to support the most natural vertebrate fauna assemblage.
Very Good Fauna Habitat	These areas show minimal signs of human induced disturbance (e.g. grazing, clearing, fragmentation, weeds) and retain almost all of the characteristics of the habitat had it not been disturbed. The habitat has connectivity with other habitats, and fauna assemblages in these areas are likely to be minimally effected by disturbance.
Good Fauna Habitat	These areas show signs of human induced disturbance (e.g. grazing, clearing, fragmentation, weeds) but generally retain many of the characteristics of the habitat had it not been disturbed. The habitat still retains some connectivity with other habitats but fauna assemblages in these areas are likely to be affected by disturbance. Fauna assemblages in these areas are likely to be similar to what might be expected in this habitat.
Disturbed Fauna Habitat	These areas show signs of human induced significant disturbance (e.g. mining, clearing, tracks and roads). Many of the trees, shrubs and undergrowth have died or have been cleared. These areas may be in the early succession and regeneration stages. Areas may show signs of significant grazing, contain an abundance of weeds or have been damaged by vehicles or machinery. Habitats are fragmented or have limited connectivity with other fauna habitats. Fauna assemblages in these areas are likely to differ significantly from what might be expected in the area had the disturbance not occurred.
Highly Degraded Fauna Habitat	These areas often have a significant human induced loss of vegetation, and / or a large number of vehicle tracks and / or have been completely cleared, and / or areas have been heavily grazed or farmed. There is limited or no fauna habitat connectivity. Fauna assemblages in these areas are likely to differ significantly from what existed prior to the disturbance, and are often depleted compared to what existed prior to the disturbance.

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**Appendix B: Conservation Categories for Flora, Fauna and
Ecological Communities, and Categories for Introduced Flora
and Fauna**

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Table B.1: Categories of threatened ecological communities (Parks and Wildlife 2015b).

PD: Presumed Totally Destroyed
<p>An ecological community that has been adequately searched for but for which no representative occurrences have been located. The community has been found to be totally destroyed or so extensively modified throughout its range that no occurrence of it is likely to recover its species composition and/or structure in the foreseeable future.</p> <p>An ecological community will be listed as presumed totally destroyed if there are no recent records of the community being extant and either of the following applies (A or B):</p> <p>A) Records within the last 50 years have not been confirmed despite thorough searches of known or likely habitats or</p> <p>B) All occurrences recorded within the last 50 years have since been destroyed.</p>
CR : Critically Endangered
<p>An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or that was originally of limited distribution and is facing severe modification or destruction throughout its range in the immediate future, or is already severely degraded throughout its range but capable of being substantially restored or rehabilitated.</p> <p>An ecological community will be listed as Critically Endangered when it has been adequately surveyed and is found to be facing an extremely high risk of total destruction in the immediate future. This will be determined on the basis of the best available information, by it meeting any one or more of the following criteria (A, B or C):</p> <p>A) The estimated geographic range, and/or total area occupied, and/or number of discrete occurrences since European settlement have been reduced by at least 90% and either or both of the following apply (i or ii):</p> <p>i) geographic range, and/or total area occupied and/or number of discrete occurrences are continuing to decline such that total destruction of the community is imminent (within approximately 10 years);</p> <p>ii) modification throughout its range is continuing such that in the immediate future (within approximately 10 years) the community is unlikely to be capable of being substantially rehabilitated.</p> <p>B) Current distribution is limited, and one or more of the following apply (i, ii or iii):</p> <p>i) geographic range and/or number of discrete occurrences, and/or area occupied is highly restricted and the community is currently subject to known threatening processes which are likely to result in total destruction throughout its range in the immediate future (within approximately 10 years);</p> <p>ii) there are very few occurrences, each of which is small and/or isolated and extremely vulnerable to known threatening processes;</p> <p>iii) there may be many occurrences but total area is very small and each occurrence is small and/or isolated and extremely vulnerable to known threatening processes.</p> <p>C) The ecological community exists only as highly modified occurrences that may be capable of being rehabilitated if such work begins in the immediate future (within approximately 10 years).</p>

En: Endangered

An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or was originally of limited distribution and is in danger of significant modification throughout its range or severe modification or destruction over most of its range in the near future.

An ecological community will be listed as **Endangered** when it has been adequately surveyed and is not Critically Endangered but is facing a very high risk of total destruction in the near future. This will be determined on the basis of the best available information by it meeting **any one or more** of the following criteria (A, B, or C):

A) The geographic range, and/or total area occupied, and/or number of discrete occurrences have been reduced by at least 70% since European settlement **and either or both** of the following apply (i or ii):

i) the estimated geographic range, and/or total area occupied and/or number of discrete occurrences are continuing to decline such that total destruction of the community is likely in the short term future (within approximately 20 years);

ii) modification throughout its range is continuing such that in the short term future (within approximately 20 years) the community is unlikely to be capable of being substantially restored or rehabilitated.

B) Current distribution is limited, **and one or more** of the following apply (i, ii or iii):

i) geographic range and/or number of discrete occurrences, and/or area occupied is highly restricted and the community is currently subject to known threatening processes which are likely to result in total destruction throughout its range in the short term future (within approximately 20 years);

ii) there are few occurrences, each of which is small and/or isolated and all or most occurrences are very vulnerable to known threatening processes;

iii) there may be many occurrences but total area is small and all or most occurrences are small and/or isolated and very vulnerable to known threatening processes.

C) The ecological community exists only as very modified occurrences that may be capable of being substantially restored or rehabilitated if such work begins in the short-term future (within approximately 20 years).

VU: Vulnerable

An ecological community that has been adequately surveyed and is found to be declining and/or has declined in distribution and/or condition and whose ultimate security has not yet been assured and/or a community that is still widespread but is believed likely to move into a category of higher threat in the near future if threatening processes continue or begin operating throughout its range.

An ecological community will be listed as **Vulnerable** when it has been adequately surveyed and is not Critically Endangered or Endangered but is facing a high risk of total destruction or significant modification in the medium to long-term future. This will be determined on the basis of the best available information by it meeting **any one or more** of the following criteria (A, B or C):

A) The ecological community exists largely as modified occurrences that are likely to be capable of being substantially restored or rehabilitated.

B) The ecological community may already be modified and would be vulnerable to threatening processes, is restricted in area and/or range and/or is only found at a few locations.

C) The ecological community may be still widespread but is believed likely to move into a category of higher threat in the medium to long term future because of existing or impending threatening processes.

Possible threatened ecological communities that do not meet survey criteria or that are not adequately defined are added to the Priority Ecological Community Lists under Priorities 1, 2 and 3. Ecological Communities that are adequately known, and are rare but not threatened or meet criteria for Near Threatened, or that have been recently removed from the threatened list, are placed in Priority 4. These ecological communities require regular monitoring. Conservation Dependent ecological communities are placed in Priority 5.

Table B.2: Definitions and criteria for priority ecological communities (Parks and Wildlife 2015b).

P1: Priority One – Poorly-known ecological communities
Ecological communities with apparently few, small occurrences, all or most not actively managed for conservation (e.g. within agricultural or pastoral lands, urban areas, active mineral leases) and for which current threats exist. Communities may be included if they are comparatively well-known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under immediate threat from known threatening processes across their range.
P2: Priority Two – Poorly-Known ecological communities
Communities that are known from few small occurrences, all or most of which are actively managed for conservation (e.g. within national parks, conservation parks, nature reserves, State forest, unallocated Crown land, water reserves, etc.) and not under imminent threat of destruction or degradation. Communities may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under threat from known threatening processes.
P3: Priority Three – Poorly-Known ecological communities
(i) Communities that are known from several to many occurrences, a significant number or area of which are not under threat of habitat destruction or degradation or: (ii) communities known from a few widespread occurrences, which are either large or within significant remaining areas of habitat in which other occurrences may occur, much of it not under imminent threat, or; (iii) communities made up of large, and/or widespread occurrences, that may or not be represented in the reserve system, but are under threat of modification across much of their range from processes such as grazing by domestic and/or feral stock, and inappropriate fire regimes. Communities may be included if they are comparatively well known from several localities but do not meet adequacy of survey requirements and/or are not well defined, and known threatening processes exist that could affect them.
P4: Priority Four
Ecological communities that are adequately known, rare but not threatened or meet criteria for Near Threatened, or that have been recently removed from the threatened list. These communities require regular monitoring. Rare. Ecological communities known from few occurrences that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These communities are usually represented on conservation lands. Near Threatened. Ecological communities that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable. (c) Ecological communities that have been removed from the list of threatened communities during the past five years.
P5: Priority Five – Conservation dependent ecological communities
Ecological communities that are not threatened but are subject to a specific conservation program, the cessation of which would result in the community becoming threatened within five years.

Table B.3: Definitions and criteria for threatened ecological communities under the *Environment Protection and Biodiversity Conservation Act 1999*.

Categories of ecological communities	
Critically endangered	If, at that time, it is facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with the prescribed criteria.
Endangered	If, at that time, it is not critically endangered and is facing a very high risk of extinction in the wild in the near future, as determined in accordance with the prescribed criteria.
Vulnerable	If, at that time, it is not critically endangered or endangered, and is facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with the prescribed criteria.

Table B.4: Conservation codes for Western Australian flora and fauna under the *Wildlife Conservation Act 1950*.

Code	Conservation category	Definition
S1	Schedule 1 of the Wildlife Conservation (Specially Protected Fauna) Notice and Wildlife Conservation (Rare Flora) Notice under the Wildlife Conservation Act 1950.	Taxa that is rare or likely to become extinct, as critically endangered taxa.
S2	Schedule 2 of the Wildlife Conservation (Specially Protected Fauna) Notice and Wildlife Conservation (Rare Flora) Notice under the Wildlife Conservation Act 1950.	Taxa that is rare or likely to become extinct, as endangered taxa.
S3	Schedule 3 of the Wildlife Conservation (Specially Protected Fauna) Notice and Wildlife Conservation (Rare Flora) Notice under the Wildlife Conservation Act 1950.	Taxa that is rare or likely to become extinct, as vulnerable taxa.
S4	Schedule 4 of the Wildlife Conservation (Specially Protected Fauna) Notice and Wildlife Conservation (Rare Flora) Notice under the Wildlife Conservation Act 1950.	Taxa that is presumed to be extinct.
S5	Schedule 5 of the Wildlife Conservation (Specially Protected Fauna) Notice under the Wildlife Conservation Act 1950.	Birds that are subject to international agreements relating to the protection of migratory birds.
S6	Schedule 6 of the Wildlife Conservation (Specially Protected Fauna) Notice under the Wildlife Conservation Act 1950.	Fauna that are of special conservation need being species dependent on ongoing conservation intervention.
S7	Schedule 7 of the Wildlife Conservation (Specially Protected Fauna) Notice under the Wildlife Conservation Act 1950.	Declared to be fauna that is in need of special protection, otherwise than for the reasons mentioned.

Note: Schedules 5, 6, and 7 are only related to conservation significant fauna.

Threatened fauna and flora (Schedule 1) are further ranked by the Department according to their level of threat using IUCN Red List criteria:

- **CR: Critically Endangered** - considered to be facing an extremely high risk of extinction in the wild.
- **EN: Endangered** - considered to be facing a very high risk of extinction in the wild.
- **VU: Vulnerable** - considered to be facing a high risk of extinction in the wild.

Taxa that have not yet been adequately surveyed to be listed under Schedule 1 or 2 are added to the Priority Flora and Priority Fauna Lists under Priorities 1, 2 or 3. These three categories are ranked in order of priority for survey and evaluation of conservation status so that consideration can be given to their declaration as threatened flora or fauna. Taxa that are adequately known, are rare but not threatened, or meet criteria for Near Threatened, or that have been recently removed from the threatened list for other than taxonomic reasons, are placed in Priority 4. These taxa require regular monitoring. Conservation Dependent species are placed in Priority 5.

Table B.5: Priority species under the *Western Australian Wildlife Conservation Act 1950*.

P1: Priority One – Poorly known taxa
Taxa that are known from one or a few collections or sight records (generally less than five), all on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, Shire, Westrail and Main Roads WA road, gravel and soil reserves, and active mineral leases and under threat of habitat destruction or degradation. Taxa may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements and appear to be under immediate threat from known threatening processes.
P2: Priority Two – Poorly known taxa
Taxa that are known from one or a few collections or sight records, some of which are on lands not under imminent threat of habitat destruction or degradation, e.g. national parks, conservation parks, nature reserves, State forest, vacant Crown land, water reserves, etc. Taxa may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements and appear to be under threat from known threatening processes.
P3: Priority Three – Poorly known taxa
Taxa that are known from collections or sight records from several localities not under imminent threat, or from few but widespread localities with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat. Taxa may be included if they are comparatively well known from several localities but do not meet adequacy of survey requirements and known threatening processes exist that could affect them.
P4: Priority Four: Rare, near threatened and other taxa in need of monitoring
(a) Rare. Taxa that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These taxa are usually represented on conservation lands. (b) Near Threatened. Taxa that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable. (c) Taxa that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.
P5: Priority Five: Conservation dependent taxa
Taxa that are not threatened but are subject to a specific conservation program, the cessation of which would result in the taxa becoming threatened within five years.

Table B.6: Categories and definitions for threatened flora and fauna species listed under the *Environment Protection and Biodiversity Conservation Act 1999*.

Conservation category	Definition
Extinct	Taxa with no reasonable doubt that the last member of the species has died.
Extinct in the wild	Taxa known to survive only in cultivation, in captivity or as a naturalized population well outside its past range; or it has not been recorded in its known and/or expected habitat, at appropriated seasons, anywhere in its past range, despite exhaustive surveys over a time frame appropriate to its life cycle and form.
Critically endangered (CR)	Taxa facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with the prescribed criteria.
Endangered (E)	Taxa are not critically endangered; and are facing a very high risk of extinction in the wild in the near future, as determined in accordance with the prescribed criteria.
Vulnerable (V)	Taxa are not critically endangered or endangered; and are facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with the prescribed criteria.
Conservation dependent (CD)	<p>Taxa are the focus of a specific conservation program the cessation of which would result in the species becoming vulnerable, endangered or critically endangered; or the following subparagraphs are satisfied:</p> <ul style="list-style-type: none"> i) the taxa is a species of fish; ii) the taxa is the focus of a management plan that provides management actions necessary to stop the decline of, and support the recovery of, the taxa so that its chances of long term survival in nature are maximized; iii) the management plan is in force under a law of the Commonwealth or of a State or Territory; iv) Cessation of the management plan would adversely affect the conservation status of the taxa <p>Fish includes all taxa of bony fish, sharks, rays, crustaceans, molluscs and other marine organisms, but does not include marine mammals/reptiles.</p>

The management of introduced flora species in Western Australia is now regulated through the Biosecurity and Agriculture Management Act 2007 (BAM Act). A list of declared pests, including ‘pest’ plants is provided under the BAM Act, which has been updated to incorporate a number of other Acts that are administered by Department of Agriculture and Food Western Australia. Declared pests can fall into two categories: one that relates to the prevention of introducing the species or eradicating it; and the other relates to managing the species and whether it can be kept (i.e. for scientific purposes, education or other purpose).

The threat and risk posed to site-specific biodiversity values, influences to rehabilitation success, primary production, infrastructure assets or human health will differ depending on the unique characteristics of each site and the associated land management practice or operation. Therefore site or project specific weed assessments and priorities should be reviewed for each project.

As per introduced flora species, the BAM Act seeks to establish a modern biosecurity regulatory scheme to prevent serious animal pests from entering the State and becoming established, and to minimise the spread and impact of any that are already present within the State. Declared animal pests fall into three categories as Gazetted under the BAM Act.

Table B.7: Declared pests categories as gazetted under the *Biosecurity and Agriculture Management Act 2007*.

Category	Description
C1 (Exclusion)	Pests will be assigned to this category if they are not established in Western Australia and control measures are to be taken, including border checks, in order to prevent them entering and establishing in the State.
C2 (Eradication)	Pests will be assigned to this category if they are present in Western Australia in low enough numbers or in sufficiently limited areas that their eradication is still a possibility.
C3 (Management)	Pests will be assigned to this category if they are established in Western Australia but it is feasible, or desirable, to manage them in order to limit their damage. Control measures can prevent a C3 pest from increasing in population size or density or moving from an area in which it is established into an area which currently is free of that pest.

Table B.8: Fauna habitat condition scale (Thompson and Thompson 2010).

Habitat condition	Condition description
High Quality Fauna Habitat (1.0)	These areas closely approximate the vegetation mix and quality that would have been in the area prior to any human induced disturbance. The habitat has connectivity with other habitats and is likely to support the most natural vertebrate fauna assemblage.
Very Good Fauna Habitat (0.8)	These areas show minimal signs of human induced disturbance (e.g. grazing, clearing, fragmentation, weeds) and retain almost all of the characteristics of the habitat had it not been disturbed. The habitat has connectivity with other habitats, and fauna assemblages in these areas are likely to be minimally effected by disturbance.
Good Fauna Habitat (0.6)	These areas show signs of human induced disturbance (e.g. grazing, clearing, fragmentation, weeds) but generally retain many of the characteristics of the habitat had it not been disturbed. The habitat still retains some connectivity with other habitats but fauna assemblages in these areas are likely to be affected by disturbance. Fauna assemblages in these areas are likely to be similar to what might be expected in this habitat.
Disturbed Fauna Habitat (0.4)	These areas show signs of human induced significant disturbance (e.g. mining, clearing, tracks and roads). Many of the trees, shrubs and undergrowth have died or have been cleared. These areas may be in the early succession and regeneration stages. Areas may show signs of significant grazing, contain an abundance of weeds or have been damaged by vehicles or machinery. Habitats are fragmented or have limited connectivity with other fauna habitats. Fauna assemblages in these areas are likely to differ significantly from what might be expected in the area had the disturbance not occurred.
Highly Degraded Fauna Habitat (<0.2)	These areas often have a significant human induced loss of vegetation, and/or a large number of vehicle tracks and / or have been completely cleared, and/or areas have been heavily grazed or farmed. There is limited or no fauna habitat connectivity. Fauna assemblages in these areas are likely to differ significantly from what existed prior to the disturbance, and are often depleted compared to what existed prior to the disturbance.

Appendix C: Database Search Results

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Table C.1: Amphibian species recorded within 40 km of the survey area.

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
Hylidae										
<i>Litoria adelaidensis</i>	Slender Tree Frog					X				
<i>Litoria moorei</i>	Motorbike Frog					X				
Limnodynastidae										
<i>Heleioporus barycragus</i>	Hooting Frog					X				
<i>Heleioporus eyrei</i>	Moaning Frog					X				
<i>Heleioporus psammophilus</i>	Sand Frog					X				
<i>Limnodynastes dorsalis</i>	Western Banjo Frog					X				
<i>Neobatrachus pelobatoides</i>	Humming Frog					X				
Myobatrachidae										
<i>Crinia georgiana</i>	Quacking Frog					X				
<i>Crinia glauerti</i>	Clicking Frog					X				
<i>Crinia insignifera</i>	Squelching Froglet					X				
<i>Crinia pseudinsignifera</i>	Bleating Froglet					X				
<i>Geocrinia leai</i>	Ticking Frog					X				
<i>Myobatrachus gouldii</i>	Turtle Frog					X				
<i>Pseudophryne guentheri</i>	Crawling Toadlet					X				

Table C.2: Reptile species recorded within 40 km of the survey area.

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
Cheluidae										
<i>Chelodina colliei</i>	Oblong Turtle					X				
<i>Pseudemys umbrina</i>	Western Swamp Turtle		CR	S1		X				
Carphodactylidae										
<i>Underwoodisaurus milii</i>	Southern Barking Gecko					X				
Diplodactylidae										
<i>Crenadactylus ocellatus</i>	Clawless Gecko					X				
<i>Diplodactylus granariensis</i>						X				
<i>Diplodactylus polyophthalmus</i>	Spotted Sandplain Gecko					X				
<i>Diplodactylus pulcher</i>						X				
<i>Lucasium alboguttatum</i>						X				
<i>Strophurus spinigerus</i>						X				
Gekkonidae										
<i>Christinus marmoratus</i>	Marbled Gecko					X				
<i>Gehyra variegata</i>						X				
<i>Hemidactylus frenatus</i>	Asian House Gecko	*				X				
<i>Heteronotia binoei</i>	Bynoe's Gecko					X				
Pygopodidae										
<i>Aprasia pulchella</i>						X				
<i>Aprasia repens</i>						X				
<i>Delma fraseri</i>						X				
<i>Delma grayii</i>						X				
<i>Lialis burtonis</i>						X				
<i>Pletholax gracilis</i>	Keeled Legless Lizard					X				
<i>Pygopus lepidopodus</i>	Common Scaly Foot					X				
<i>Pygopus nigriceps</i>						X				
Agamidae										

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Calotes versicolor versicolor</i>	Oriental Garden Lizard	*				X				
<i>Ctenophorus adelaidensis</i>	Western Heath Dragon					X				
<i>Ctenophorus ornatus</i>	Ornate Crevice Dragon					X				
<i>Pogona minor</i>						X				
<i>Pogona nullarbor</i>	Nullabor Bearded Dragon					X				
Egerniidae										
<i>Cyclodomorphus celatus</i>						X				
<i>Egernia kingii</i>	King's Skink					X				
<i>Egernia napoleonis</i>						X				
<i>Tiliqua multifasciata</i>	Central Blue-tongue					X				
<i>Tiliqua occipitalis</i>	Western Bluetongue					X				
<i>Tiliqua rugosa</i>						X				
Eugongylidae										
<i>Acritoscincus trilineatus</i>						X				
<i>Cryptoblepharus buchananii</i>						X				
<i>Cryptoblepharus plagiocephalus</i>						X				
<i>Menetia greyii</i>						X				
<i>Menetia maini</i>						X				
<i>Menetia surda</i>						X				
<i>Morethia adelaidensis</i>						X				
<i>Morethia boulengeri</i>						X				
<i>Morethia butleri</i>						X				
<i>Morethia lineoocellata</i>						X				
<i>Morethia obscura</i>						X				
<i>Morethia ruficauda</i>						X				
<i>Morethia storri</i>						X				
<i>Proablepharus reginae</i>						X				
<i>Proablepharus tenuis</i>						X				

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Pseudemoia baudini</i>						X				
Sphenomorphidae										
<i>Ctenotus australis</i>						X				
<i>Ctenotus delli</i>	Darling Range Heath Ctenotus				P4	X				
<i>Ctenotus fallens</i>						X				
<i>Ctenotus gemmula</i>	Jewelled Southwest Ctenotus				P3	X				
<i>Ctenotus impar</i>						X				
<i>Ctenotus ora</i>	Coastal Plains Skink				P3	X				
<i>Hemiergis initialis</i>						X				
<i>Hemiergis quadrilineata</i>						X				
<i>Lerista christinae</i>						X				
<i>Lerista distinguenda</i>						X				
<i>Lerista elegans</i>						X				
<i>Lerista lineata</i>					P3	X				
<i>Lerista lineopunctulata</i>						X				
<i>Lerista praepedita</i>						X				
<i>Notoscincus ornatus</i>						X				
Varanidae										
<i>Varanus gouldii</i>	Bungarra or Sand Goanna					X				
<i>Varanus rosenbergi</i>	Heath Goanna					X				
<i>Varanus tristis</i>	Racehorse Goanna					X				
Boidae										
<i>Antaresia stimsoni</i>	Stimson's Python					X				
<i>Morelia spilota imbricata</i>	Carpet Python					X				
Colubridae										
<i>Dendrelaphis punctulata</i>	Green Tree Snake					X				
Elapidae										

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Acanthophis antarcticus</i>	Southern Death Adder				P3	X				
<i>Brachyuropis fasciolatus</i>						X				
<i>Brachyuropis semifasciatus</i>						X				
<i>Demansia psammophis</i>	Yellow-faced Whipsnake					X				
<i>Echiopsis curta</i>	Bardick					X				
<i>Elapognathus coronatus</i>	Crowned Snake					X				
<i>Neelaps bimaculatus</i>	Black-naped Snake				P3	X				
<i>Neelaps calonotos</i>	Black-striped Snake					X				
<i>Notechis scutatus</i>	Tiger Snake					X				
<i>Parasuta gouldii</i>						X				
<i>Parasuta nigriceps</i>						X				
<i>Pseudechis australis</i>	Mulga Snake					X				
<i>Pseudonaja affinis</i>	Dugite					X				
<i>Pseudonaja mengdeni</i>	Western Brown Snake					X				
<i>Pseudonaja modesta</i>	Ringed Brown Snake					X				
<i>Simoselaps bertholdi</i>	Jan's Banded Snake					X				
<i>Simoselaps littoralis</i>	West Coast Banded Snake					X				

Table C.3: Bird species recorded within 40 km of the survey area.

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
Casuariidae										
<i>Dromaius novaehollandiae</i>	Emu					X		X		
Megapodiidae										
<i>Leipoa ocellata</i>	Malleefowl		VU	S3		X	X			
Phasianidae										
<i>Coturnix pectoralis</i>	Stubble Quail					X		X		
<i>Coturnix ypsilophora</i>	Brown Quail					X		X		
<i>Pavo cristatus</i>	Indian Peafowl	*				X		X		
<i>Phasianus colchicus</i>	Common Pheasant	*						X		
Anatidae										
<i>Biziura lobata</i>	Musk Duck					X		X		
<i>Stictonetta naevosa</i>	Freckled Duck					X		X		
<i>Cygnus atratus</i>	Black Swan					X		X		
<i>Tadorna radjah</i>	Radjah Shelduck					X				
<i>Tadorna tadornoides</i>	Australian Shelduck					X		X		
<i>Chenonetta jubata</i>	Australian Wood Duck					X		X		
<i>Malacorhynchus membranaceus</i>	Pink-eared Duck					X		X		
<i>Anas rhynchotis</i>	Australasian Shoveler					X		X		
<i>Anas gracilis</i>	Grey Teal					X		X		
<i>Anas castanea</i>	Chestnut Teal					X		X		
<i>Anas platyrhynchos</i>	Northern Mallard					X	X	X		
<i>Anas superciliosa</i>	Pacific Black Duck					X		X		
<i>Aythya australis</i>	Hardhead					X		X		
<i>Oxyura australis</i>	Blue-billed Duck				P4	X		X		
Podicipedidae										
<i>Tachybaptus novaehollandiae</i>	Australasian Grebe					X		X		

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Polyocephalus polyocephalus</i>	Hoary-headed Grebe					X		X		
<i>Podiceps cristatus</i>	Great Crested Grebe					X		X		
Columbidae										
<i>Columba livia</i>	Rock Dove	*				X	X	X		
<i>Gallicolumba jobiensis</i>	White-breasted Ground Dove	*				X				
<i>Leucosarcia melanoleuca</i>	Wonga Pigeon	*				X				
<i>Streptopelia senegalensis</i>	Laughing Dove	*				X	X	X		
<i>Streptopelia chinensis</i>	Spotted Dove	*				X	X	X		
<i>Phaps chalcoptera</i>	Common Bronzewing					X		X		
<i>Phaps elegans</i>	Brush Bronzewing					X		X		
<i>Ocyphaps lophotes</i>	Crested Pigeon					X		X		
Podargidae										
<i>Podargus strigoides</i>	Tawny Frogmouth					X		X		
Eurostopodidae										
<i>Eurostopodus argus</i>	Spotted Nightjar					X		X		
Aegothelidae										
<i>Aegotheles cristatus</i>	Australian Owlet-nightjar					X		X		
Apodidae										
<i>Apus pacificus</i>	Fork-tailed Swift		MI	S5		X	X	X		
Anhingidae										
<i>Anhinga novaehollandiae</i>	Australasian Darter					X		X		
Phalacrocoracidae										
<i>Microcarbo melanoleucos</i>	Little Pied Cormorant					X		X		
<i>Phalacrocorax carbo</i>	Great Cormorant					X		X		
<i>Phalacrocorax sulcirostris</i>	Little Black Cormorant					X		X		
<i>Phalacrocorax varius</i>	Pied Cormorant					X		X		
<i>Phalacrocorax fuscescens</i>	Black-faced Cormorant					X		X		

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
Pelecanidae										
<i>Pelecanus conspicillatus</i>	Australian Pelican					X		X		
Ardeidae										
<i>Botaurus poiciloptilus</i>	Australasian Bittern		EN	S2		X	X	X		
<i>Ixobrychus dubius</i>	Australian Little Bittern				P4	X		X		
<i>Ardea pacifica</i>	White-necked Heron					X		X		
<i>Ardea modesta</i>	Eastern Great Egret		MI	S5		X	X	X		
<i>Ardea intermedia</i>	Intermediate Egret					X				
<i>Ardea ibis</i>	Cattle Egret		MI	S5		X	X	X		
<i>Egretta novaehollandiae</i>	White-faced Heron					X		X		
<i>Egretta garzetta</i>	Little Egret					X		X		
<i>Nycticorax caledonicus</i>	Nankeen Night-Heron					X		X		
Threskiornithidae										
<i>Plegadis falcinellus</i>	Glossy Ibis		MI	S5		X		X		
<i>Threskiornis molucca</i>	Australian White Ibis					X		X		
<i>Threskiornis spinicollis</i>	Straw-necked Ibis					X		X		
<i>Platalea regia</i>	Royal Spoonbill					X		X		
<i>Platalea flavipes</i>	Yellow-billed Spoonbill					X		X		
Accipitridae										
<i>Pandion cristatus</i>	Eastern Osprey		MI	S5		X	X	X		
<i>Elanus axillaris</i>	Black-shouldered Kite					X		X		
<i>Lophoictinia isura</i>	Square-tailed Kite					X				
<i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle		MI	S5		X		X		
<i>Haliastur sphenurus</i>	Whistling Kite					X		X		
<i>Haliastur indus</i>	Brahminy Kite					X				
<i>Milvus migrans</i>	Black Kite					X		X		
<i>Accipiter fasciatus</i>	Brown Goshawk					X		X		
<i>Accipiter cirrocephalus</i>	Collared Sparrowhawk					X		X		
<i>Circus assimilis</i>	Spotted Harrier					X		X		

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Circus approximans</i>	Swamp Harrier					X		X		
<i>Aquila audax</i>	Wedge-tailed Eagle					X		X		
<i>Hieraetus morphnoides</i>	Little Eagle					X		X		
Falconidae										
<i>Falco cenchroides</i>	Nankeen Kestrel					X		X		
<i>Falco berigora</i>	Brown Falcon					X		X		
<i>Falco longipennis</i>	Australian Hobby					X		X		
<i>Falco subniger</i>	Black Falcon					X				
<i>Falco peregrinus</i>	Peregrine Falcon			S7		X		X		
Rallidae										
<i>Porphyrio porphyrio</i>	Purple Swamphen					X		X		
<i>Gallirallus philippensis</i>	Buff-banded Rail					X		X		
<i>Porzana pusilla</i>	Baillon's Crake					X		X		
<i>Porzana fluminea</i>	Australian Spotted Crake					X		X		
<i>Porzana tabuensis</i>	Spotless Crake					X		X		
<i>Tribonyx ventralis</i>	Black-tailed Native-hen					X		X		
<i>Gallinula tenebrosa</i>	Dusky Moorhen					X		X		
<i>Fulica atra</i>	Eurasian Coot					X		X		
Otididae										
<i>Ardeotis australis</i>	Australian Bustard					X				
Burhinidae										
<i>Burhinus grallarius</i>	Bush Stone-curlew					X		X		
Haematopodidae										
<i>Haematopus longirostris</i>	Australian Pied Oystercatcher					X		X		
<i>Haematopus fuliginosus</i>	Sooty Oystercatcher							X		
Recurvirostridae										
<i>Himantopus himantopus</i>	Black-winged Stilt					X		X		
<i>Recurvirostra novaehollandiae</i>	Red-necked Avocet					X		X		

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Cladorhynchus leucocephalus</i>	Banded Stilt					X		X		
Charadriidae										
<i>Pluvialis fulva</i>	Pacific Golden Plover		MI	S5		X		X		
<i>Pluvialis squatarola</i>	Grey Plover		MI	S5		X		X		
<i>Charadrius dubius</i>	Little Ringed Plover		MI	S5		X	X	X		
<i>Charadrius ruficapillus</i>	Red-capped Plover					X		X		
<i>Charadrius bicinctus</i>	Double-banded Plover							X		
<i>Charadrius mongolus</i>	Lesser Sand Plover		MI	S2 (S5)		X		X		
<i>Charadrius leschenaultii</i>	Greater Sand Plover		MI	S5		X		X		
<i>Euseyonis melanops</i>	Black-fronted Dotterel					X		X		
<i>Thinornis rubricollis</i>	Hooded Plover				P4	X		X		
<i>Erythrogonys cinctus</i>	Red-kneed Dotterel					X		X		
<i>Vanellus tricolor</i>	Banded Lapwing					X		X		
<i>Vanellus miles</i>	Masked Lapwing					X		X		
Rostratulidae										
<i>Rostratula australis</i>	Australian Painted Snipe		EN	S2			X			
Scolopacidae										
<i>Gallinago hardwickii</i>	Latham's Snipe		MI	S5				X		
<i>Gallinago stenura</i>	Pin-tailed Snipe		MI	S5			X			
<i>Gallinago megala</i>	Swinhoe's Snipe		MI	S5			X			
<i>Limosa limosa</i>	Black-tailed Godwit		MI	S5		X	X	X		
<i>Limosa lapponica</i>	Bar-tailed Godwit		MI	S5		X		X		
<i>Numenius phaeopus</i>	Whimbrel		MI	S5		X		X		
<i>Numenius madagascariensis</i>	Eastern Curlew		MI	S3(S5)		X		X		
<i>Numenius minutus</i>	Little Curlew		MI	S5			X			
<i>Xenus cinereus</i>	Terek Sandpiper		MI	S5				X		
<i>Actitis hypoleucos</i>	Common Sandpiper		MI	S5		X		X		
<i>Tringa brevipes</i>	Grey-tailed Tattler		MI	S5	P4			X		

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Tringa nebularia</i>	Common Greenshank		MI	S5		X		X		
<i>Tringa stagnatilis</i>	Marsh Sandpiper		MI	S5			X	X		
<i>Tringa glareola</i>	Wood Sandpiper		MI	S5		X	X	X		
<i>Arenaria interpres</i>	Ruddy Turnstone		MI	S5		X		X		
<i>Calidris tenuirostris</i>	Great Knot		MI	S3(S5)		X		X		
<i>Calidris canutus</i>	Red Knot		MI	S5		X	X	X		
<i>Calidris alba</i>	Sanderling		MI	S5		X		X		
<i>Calidris minuta</i>	Little Stint		MI	S5				X		
<i>Calidris ruficollis</i>	Red-necked Stint		MI	S5		X	X	X		
<i>Calidris subminuta</i>	Long-toed Stint		MI	S5		X	X			
<i>Calidris melanotos</i>	Pectoral Sandpiper		MI	S5		X	X	X		
<i>Calidris acuminata</i>	Sharp-tailed Sandpiper		MI	S5		X	X	X		
<i>Calidris ferruginea</i>	Curlew Sandpiper		CR (MI)	S3(S5)		X	X	X		
<i>Limicola falcinellus</i>	Broad-billed Sandpiper		MI	S5				X		
<i>Philomachus pugnax</i>	Ruff		MI	S5			X	X		
<i>Phalaropus lobatus</i>	Red-necked Phalarope		MI	S5				X		
Turnicidae										
<i>Turnix varius</i>	Painted Button-quail					X		X		
<i>Turnix velox</i>	Little Button-quail					X				
Glareolidae										
<i>Glareola maldivarum</i>	Oriental Pratincole		MI	S5		X		X		
Laridae										
<i>Anous stolidus</i>	Common Noddy		MI	S5		X		X		
<i>Anous tenuirostris melanops</i>	Lesser Noddy		VU	S2		X				
<i>Onychoprion anaethetus</i>	Bridled Tern		MI	S5		X		X		
<i>Sternula albifrons</i>	Little Tern							X		
<i>Sternula nereis nereis</i>	Fairy Tern		VU	S3		X		X		
<i>Gelochelidon nilotica</i>	Gull-billed Tern		MI	S5				X		

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Hydroprogne caspia</i>	Caspian Tern		MI	S5		X		X		
<i>Chlidonias hybrida</i>	Whiskered Tern					X		X		
<i>Chlidonias leucopterus</i>	White-winged Black Tern		MI	S5		X		X		
<i>Sterna dougallii</i>	Roseate Tern		MI	S5		X		X		
<i>Sterna striata</i>	White-fronted Tern							X		
<i>Sterna hirundo</i>	Common Tern		MI	S5		X		X		
<i>Sterna paradisaea</i>	Arctic Tern		MI			X		X		
<i>Thalasseus bergii</i>	Crested Tern					X		X		
<i>Larus pacificus</i>	Pacific Gull					X		X		
<i>Chroicocephalus novaehollandiae</i>	Silver Gull					X		X		
Cacatuidae										
<i>Calyptorhynchus banksii naso</i>	Forest Red-tailed Black-Cockatoo		VU	S3		X	X	X		
<i>Calyptorhynchus latirostris</i>	Carnaby's Black-Cockatoo		EN	S2		X	X	X		
<i>Calyptorhynchus baudinii</i>	Baudin's Black-Cockatoo		VU	S2		X	X	X		
<i>Eolophus roseicapillus</i>	Galah					X		X		X
<i>Cacatua tenuirostris</i>	Long-billed Corella	*				X		X		
<i>Cacatua pastinator</i>	Western Corella					X		X		
<i>Cacatua pastinator pastinator</i>	Muir's Corella		VU	S6		X				
<i>Cacatua sanguinea</i>	Little Corella					X		X		
<i>Cacatua galerita</i>	Sulphur-crested Cockatoo					X		X		
<i>Nymphicus hollandicus</i>	Cockatiel					X		X		
Psittacidae										
<i>Trichoglossus haematodus</i>	Rainbow Lorikeet	*				X		X		
<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet					X		X		
<i>Polytelis anthopeplus</i>	Regent Parrot					X		X		
<i>Platycercus icterotis</i>	Western Rosella					X		X		
<i>Barnardius zonarius</i>	Australian Ringneck							X		

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Purpureicephalus spurius</i>	Red-capped Parrot					X		X		
<i>Melopsittacus undulatus</i>	Budgerigar					X				
<i>Neophema elegans</i>	Elegant Parrot					X				
<i>Neophema petrophila</i>	Rock Parrot					X		X		
Cuculidae										
<i>Chalcites basalis</i>	Horsfield's Bronze-Cuckoo					X		X		
<i>Chalcites lucidus</i>	Shining Bronze-Cuckoo					X		X		
<i>Cacomantis pallidus</i>	Pallid Cuckoo					X		X		
<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo					X		X		
Strigidae										
<i>Ninox connivens</i>	Barking Owl					X				
<i>Ninox novaeseelandiae</i>	Southern Boobook					X		X		
Tytonidae										
<i>Tyto novaehollandiae novaehollandiae</i>	Masked Owl				P3	X		X		
<i>Tyto javanica</i>	Eastern Barn Owl					X		X		
Halcyonidae										
<i>Dacelo novaeguineae</i>	Laughing Kookaburra	*				X		X		
<i>Todiramphus sanctus</i>	Sacred Kingfisher					X		X		
Meropidae										
<i>Merops ornatus</i>	Rainbow Bee-eater		MI	S5		X		X		
Atrichornithidae										
<i>Climacteris rufa</i>	Rufous Treecreeper					X		X		
Maluridae										
<i>Malurus splendens</i>	Splendid Fairy-wren					X		X		
<i>Malurus leucopterus</i>	White-winged Fairy-wren					X				
<i>Malurus lamberti</i>	Variiegated Fairy-wren					X		X		
<i>Malurus pulcherrimus</i>	Blue-breasted Fairy-wren					X				

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Malurus elegans</i>	Red-winged Fairy-wren					X		X		
<i>Stipiturus malachurus</i>	Southern Emu-wren					X		X		
Acanthizidae										
<i>Sericornis frontalis</i>	White-browed Scrubwren					X		X		
<i>Smicronis brevirostris</i>	Weebill					X		X		
<i>Gerygone fusca</i>	Western Gerygone					X		X		
<i>Acanthiza nana</i>	Yellow Thornbill							X		
<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill					X		X		
<i>Acanthiza uropygialis</i>	Chestnut-rumped Thornbill					X				
<i>Acanthiza inornata</i>	Western Thornbill					X				
<i>Acanthiza apicalis</i>	Inland Thornbill					X		X		
Pardalotidae										
<i>Pardalotus punctatus</i>	Spotted Pardalote					X		X		
<i>Pardalotus striatus</i>	Striated Pardalote					X		X		
Meliphagidae										
<i>Acanthorhynchus superciliosus</i>	Western Spinebill					X		X		
<i>Lichenostomus virescens</i>	Singing Honeyeater					X		X		X
<i>Lichenostomus ornatus</i>	Yellow-plumed Honeyeater					X		X		
<i>Purnella albifrons</i>	White-fronted Honeyeater					X		X		
<i>Manorina flavigula</i>	Yellow-throated Miner					X		X		
<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater					X				
<i>Anthochaera lunulata</i>	Western Wattlebird					X		X		
<i>Anthochaera carunculata</i>	Red Wattlebird					X		X		
<i>Epthianura albifrons</i>	White-fronted Chat					X		X		
<i>Sugomel niger</i>	Black Honeyeater					X		X		
<i>Glyciphila melanops</i>	Tawny-crowned Honeyeater					X		X		

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Lichmera indistincta</i>	Brown Honeyeater					X		X		X
<i>Phylidonyris novaehollandiae</i>	New Holland Honeyeater					X		X		X
<i>Phylidonyris niger</i>	White-cheeked Honeyeater					X		X		
<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater					X		X		
<i>Melithreptus lunatus</i>	White-naped Honeyeater					X		X		
Pomatostomidae										
<i>Pomatostomus superciliosus</i>	White-browed Babbler					X				
Neosittidae										
<i>Daphoenositta chrysoptera</i>	Varied Sittella					X		X		
Campephagidae										
<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike					X		X		
<i>Lalage sueurii</i>	White-winged Triller					X		X		
Pachycephalidae										
<i>Pachycephala pectoralis</i>	Golden Whistler					X		X		
<i>Pachycephala rufiventris</i>	Rufous Whistler					X		X		
<i>Colluricincla megarhyncha</i>	Little Shrike-thrush							X		
<i>Colluricincla harmonica</i>	Grey Shrike-thrush					X		X		
Artamidae										
<i>Artamus cinereus</i>	Black-faced Woodswallow					X		X		
<i>Artamus cyanopterus</i>	Dusky Woodswallow					X		X		
<i>Cracticus torquatus</i>	Grey Butcherbird					X		X		
<i>Cracticus nigrogularis</i>	Pied Butcherbird					X		X		
<i>Cracticus tibicen</i>	Australian Magpie					X		X		X
<i>Strepera versicolor</i>	Grey Currawong					X		X		
Rhipiduridae										
<i>Rhipidura albiscapa</i>	Grey Fantail					X		X		
<i>Rhipidura leucophrys</i>	Willie Wagtail					X		X		X

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
Laniidae										
<i>Lanius tigrinus</i>	Tiger Shrike	*				X				
Corvidae										
<i>Corvus coronoides</i>	Australian Raven					X		X		X
<i>Corvus bennetti</i>	Little Crow					X		X		
<i>Corvus orru</i>	Torresian Crow					X				
<i>Corvus splendens</i>	House Crow	*				X				
Monarchidae										
<i>Myiagra inquieta</i>	Restless Flycatcher					X		X		
<i>Grallina cyanoleuca</i>	Magpie-lark					X		X		
Petroicidae										
<i>Microeca fascians</i>	Jacky Winter					X		X		
<i>Petroica boodang</i>	Scarlet Robin					X		X		
<i>Petroica goodenovii</i>	Red-capped Robin					X		X		
<i>Melanodryas cucullata</i>	Hooded Robin					X		X		
<i>Eopsaltria griseogularis</i>	Western Yellow Robin					X		X		
<i>Eopsaltria georgiana</i>	White-breasted Robin					X		X		
Acrocephalidae										
<i>Acrocephalus australis</i>	Australian Reed-Warbler					X		X		
Megaluridae										
<i>Megalurus gramineus</i>	Little Grassbird					X		X		
<i>Cincloramphus mathewsi</i>	Rufous Songlark					X		X		
<i>Cincloramphus cruralis</i>	Brown Songlark					X		X		
Timaliidae										
<i>Zosterops lateralis</i>	Silvereeye					X		X		
Hirundinidae										
<i>Cheramoeca leucosterna</i>	White-backed Swallow					X		X		
<i>Hirundo neoxena</i>	Welcome Swallow					X		X		X

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Petrochelidon ariel</i>	Fairy Martin					X		X		
<i>Petrochelidon nigricans</i>	Tree Martin					X		X		
Turdidae										
<i>Turdus merula</i>	Common Blackbird	*					X			
Sturnidae										
<i>Sturnus vulgaris</i>	Common Starling	*					X			
<i>Sturnus tristis</i>	Common Myna	*					X			
Nectariniidae										
<i>Dicaeum hirundinaceam</i>	Mistletoebird					X		X		
Estrildidae										
<i>Taeniopygia guttata</i>	Zebra Finch					X				
<i>Neochmia temporalis</i>	Red-browed Finch	*				X				
<i>Stagonopleura oculata</i>	Red-eared Firetail					X		X		
<i>Lonchura castaneothorax</i>	Chestnut-breasted Mannikin	*				X		X		
Passeridae										
<i>Passer domesticus</i>	House Sparrow	*				X	X	X		
<i>Passer montanus</i>	Eurasian Tree Sparrow	*				X	X			
Motacillidae										
<i>Anthus novaeseelandiae</i>	Australasian Pipit					X		X		
<i>Motacilla cinerea</i>	Grey Wagtail		MI	S5			X			
Fringillidae										
<i>Carduelis carduelis</i>	European Goldfinch	*				X	X	X		
<i>Carduelis chloris</i>	European Greenfinch	*				X				

Table C.4: Mammal species recorded within 40 km of the survey area.

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
Tachyglossidae										
<i>Tachyglossus aculeatus</i>	Short-beaked Echidna					X				
Dasyuridae										
<i>Antechinus flavipes</i>	Yellow-footed Antechinus, Mardo					X				
<i>Dasyurus geoffroii</i>	Western Quoll, Chuditch		VU	S3		X	X			
<i>Phascogale tapoatafa tapoatafa</i>	Wambenger Brush-tailed Phascogale			S3		X				
<i>Sminthopsis gilberti</i>	Gilbert's Dunnart					X				
Myrmecobiidae										
<i>Myrmecobius fasciatus</i>	Numbat, Walpurti		VU	S2		X				
Peramelidae										
<i>Isodon obesulus fusciventer</i>	Southern Brown Bandicoot, Quenda				P5	X				X
Burramyidae										
<i>Cercartetus concinnus</i>	Western Pygmy-possum, Mundarda					X				
Petauridae										
<i>Petaurus breviceps</i>	Sugar Glider					X				
Pseudocheiridae										
<i>Pseudocheirus occidentalis</i>	Western Ringtail Possum		VU	S2		X	X			
Tarsipedidae										
<i>Tarsipes rostratus</i>	Honey Possum, Noolbenger					X				
Phalangeridae										
<i>Trichosurus vulpecula vulpecula</i>	Common Brushtail Possum					X				

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
Potoroidae										
<i>Bettongia lesueur</i>	Burrowing Bettong, Boodie					X				
<i>Bettongia penicillata ogilbyi</i>	Brush-tailed Bettong, Woylie		EN	S1		X	X			
Macropodidae										
<i>Macropus fuliginosus</i>	Western Grey Kangaroo					X				
<i>Notamacropus eugenii derbianus</i>	Tammar				P5	X				
<i>Notamacropus irma</i>	Western Brush Wallaby				P4	X				
<i>Setonix brachyurus</i>	Quokka		VU	S3		X	X			
Muridae										
<i>Hydromys chrysogaster</i>	Water-rat				P4	X				
<i>Mus musculus</i>	House Mouse	*				X	X			
<i>Pseudomys delicatulus</i>	Delicate Mouse					X				
<i>Rattus fuscipes</i>	Western Bush Rat					X				
<i>Rattus norvegicus</i>	Brown Rat	*				X				
<i>Rattus rattus</i>	Black Rat	*				X	X			
Sciuridae										
<i>Funambulus pennanti</i>	Indian Palm Squirrel	*				X	X			
Leporidae										
<i>Oryctolagus cuniculus</i>	Rabbit	*				X	X			
Pteropodidae										
<i>Pteropus scapulatus</i>	Little Red Flying-fox					X				
Molossidae										
<i>Austronomus australis</i>	White-striped Free-tailed Bat					X				
Vespertilionidae										
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat					X				

Scientific name	Common name	Introduced	Conservation codes			Nature Map	EPBC Protected Matters Search	Birdlife	Previous Surveys	Current Survey
			EPBC Act	WC Act	Parks and Wildlife					
<i>Chalinolobus morio</i>	Chocolate Wattled Bat					X				
<i>Falsistrellus mackenziei</i>	Western Falsistrelle				P4	X				
<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat					X				
<i>Nyctophilus gouldi</i>	Gould's Long-eared Bat					X				
<i>Nyctophilus major</i>	Greater Long-eared Bat					X				
<i>Vespadelus regulus</i>	Southern Forest-bat					X				
Canidae										
<i>Canis lupus familiaris</i>	Dog	*				X	X			
<i>Vulpes vulpes</i>	Red Fox	*				X	X			
Mustelidae										
<i>Mustela putorius</i>	European Polecat, Ferret	*				X				
Felidae										
<i>Felis catus</i>	Cat	*				X	X			
Suidae										
<i>Sus scrofa</i>	Pig	*				X				
Bovidae										
<i>Bos taurus</i>	European Cattle	*				X	X			

NatureMap_5km

Created By Megan Stalker on 22/10/2015

Current Names Only Yes
Core Datasets Only Yes
Method 'By Circle'
Centre 115°53' 21" E,32°08' 02" S
Buffer 5km
Group By Kingdom

Kingdom	Species	Records
Animalia	200	7563
Chromista	1	22
Fungi	3	3
Plantae	344	557
Protozoa	57	78
TOTAL	605	8223

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Animalia				
1.	24260 <i>Acanthiza apicalis</i> (Broad-tailed Thornbill, Inland Thornbill)			
2.	24261 <i>Acanthiza chrysorrhoa</i> (Yellow-rumped Thornbill)			
3.	24262 <i>Acanthiza inornata</i> (Western Thornbill)			
4.	24560 <i>Acanthorhynchus superciliosus</i> (Western Spinebill)			
5.	25535 <i>Accipiter cirrocephalus</i> (Collared Sparrowhawk)			
6.	25536 <i>Accipiter fasciatus</i> (Brown Goshawk)			
7.	42368 <i>Acritoscincus trilineatus</i> (Western Three-lined Skink)			
8.	25755 <i>Acrocephalus australis</i> (Australian Reed Warbler)			
9.	<i>Aname mainae</i>			
10.	<i>Aname tepperi</i>			
11.	24312 <i>Anas gracilis</i> (Grey Teal)			
12.	24315 <i>Anas rhynchotis</i> (Australasian Shoveler)			
13.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
14.	25553 <i>Anhinga melanogaster</i> (Darter)			
15.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
16.	24562 <i>Anthochaera lunulata</i> (Western Little Wattlebird)			
17.	<i>Antichiropus variabilis</i>			
18.	24285 <i>Aquila audax</i> (Wedge-tailed Eagle)			
19.	25558 <i>Ardea ibis</i> (Cattle Egret)		IA	
20.	41324 <i>Ardea modesta</i> (Eastern Great Egret)		IA	
21.	24340 <i>Ardea novaehollandiae</i> (White-faced Heron)			
22.	24341 <i>Ardea pacifica</i> (White-necked Heron)			
23.	25566 <i>Artamus cinereus</i> (Black-faced Woodswallow)			
24.	24352 <i>Artamus cinereus subsp. melanops</i> (Black-faced Woodswallow)			
25.	24353 <i>Artamus cyanopterus</i> (Dusky Woodswallow)			
26.	<i>Artoria flavimana</i>			
27.	<i>Artoria linnaei</i>			
28.	<i>Artoria taeniifera</i>			
29.	24318 <i>Aythya australis</i> (Hardhead)			
30.	<i>Ballarra longipalpus</i>			
31.	24319 <i>Biziura lobata</i> (Musk Duck)			
32.	42381 <i>Brachyurophis semifasciatus</i> (Southern Shovel-nosed Snake)			
33.	25714 <i>Cacatua pastinator</i> (Western Long-billed Corella)			
34.	25598 <i>Cacomantis flabelliformis</i> (Fan-tailed Cuckoo)			
35.	42307 <i>Cacomantis pallidus</i> (Pallid Cuckoo)			
36.	24779 <i>Calidris acuminata</i> (Sharp-tailed Sandpiper)		IA	
37.	24784 <i>Calidris ferruginea</i> (Curlew Sandpiper)		T	
38.	24788 <i>Calidris ruficollis</i> (Red-necked Stint)		IA	
39.	24789 <i>Calidris subminuta</i> (Long-toed Stint)		IA	
40.	25717 <i>Calyptorhynchus banksii</i> (Red-tailed Black-Cockatoo)			
41.	24731 <i>Calyptorhynchus banksii subsp. naso</i> (Forest Red-tailed Black-Cockatoo)		T	
42.	24734 <i>Calyptorhynchus latirostris</i> (Carnaby's Cockatoo (short-billed black-cockatoo),			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
	<i>Carnaby's Cockatoo</i>		T	
43.	24373 <i>Charadrius melanops</i> (<i>Black-fronted Dotterel</i>)			
44.	24377 <i>Charadrius ruficapillus</i> (<i>Red-capped Plover</i>)			
45.	43380 <i>Chelodina colliei</i> (<i>Oblong Turtle</i>)			
46.	24321 <i>Chenonetta jubata</i> (<i>Australian Wood Duck, Wood Duck</i>)			
47.	24980 <i>Christinus marmoratus</i> (<i>Marbled Gecko</i>)			
48.	24834 <i>Cincloramphus mathewsi</i> (<i>Rufous Songlark</i>)			
49.	24288 <i>Circus approximans</i> (<i>Swamp Harrier</i>)			
50.	24774 <i>Cladorhynchus leucocephalus</i> (<i>Banded Stilt</i>)			
51.	25675 <i>Colluricincla harmonica</i> (<i>Grey Shrike-thrush</i>)			
52.	24399 <i>Columba livia</i> (<i>Domestic Pigeon</i>)	Y		
53.	25568 <i>Coracina novaehollandiae</i> (<i>Black-faced Cuckoo-shrike</i>)			
54.	<i>Cormocephalus aurantipes</i>			
55.	<i>Cormocephalus rubriceps</i>			
56.	25592 <i>Corvus coronoides</i> (<i>Australian Raven</i>)			
57.	24673 <i>Coturnix ypsilophora subsp. australis</i> (<i>Brown Quail</i>)			
58.	25595 <i>Cracticus tibicen</i> (<i>Australian Magpie</i>)			
59.	25596 <i>Cracticus torquatus</i> (<i>Grey Butcherbird</i>)			
60.	25398 <i>Crinia georgiana</i> (<i>Quacking Frog</i>)			
61.	25399 <i>Crinia glauerti</i> (<i>Clicking Frog</i>)			
62.	25400 <i>Crinia insignifera</i> (<i>Squelching Froglet</i>)			
63.	30893 <i>Cryptoblepharus buchananii</i>			
64.	<i>Cryptoerithus quobba</i>			
65.	30899 <i>Ctenophorus adelaidensis</i> (<i>Southern Heath Dragon, Western Heath Dragon</i>)			
66.	25027 <i>Ctenotus australis</i>			
67.	25040 <i>Ctenotus gemmula</i> (<i>Jewelled South-west Ctenotus (Swan Coastal Plain pop P3), skink</i>)			
68.	24322 <i>Cygnus atratus</i> (<i>Black Swan</i>)			
69.	30901 <i>Dacelo novaeguineae</i> (<i>Laughing Kookaburra</i>)	Y		
70.	25673 <i>Daphoenositta chrysoptera</i> (<i>Varied Sittella</i>)			
71.	24999 <i>Delma grayii</i>			
72.	25296 <i>Demansia psammophis subsp. reticulata</i> (<i>Yellow-faced Whipsnake</i>)			
73.	25607 <i>Dicaeum hirundinaceum</i> (<i>Mistletoebird</i>)			
74.	<i>Dingosa serrata</i>			
75.	25250 <i>Elapognathus coronatus</i> (<i>Crowned Snake</i>)			
76.	<i>Eodelena convexa</i>			
77.	24567 <i>Epthianura albifrons</i> (<i>White-fronted Chat</i>)			
78.	<i>Erythracarus decoris</i>			
79.	24379 <i>Erythronyctis cinctus</i> (<i>Red-kneed Dotterel</i>)			
80.	24368 <i>Eurostopodus argus</i> (<i>Spotted Nightjar</i>)			
81.	25621 <i>Falco berigora</i> (<i>Brown Falcon</i>)			
82.	25622 <i>Falco cenchroides</i> (<i>Australian Kestrel</i>)			
83.	25623 <i>Falco longipennis</i> (<i>Australian Hobby</i>)			
84.	25624 <i>Falco peregrinus</i> (<i>Peregrine Falcon</i>)		S	
85.	25727 <i>Fulica atra</i> (<i>Eurasian Coot</i>)			
86.	24761 <i>Fulica atra subsp. australis</i> (<i>Eurasian Coot</i>)			
87.	25729 <i>Gallinula tenebrosa</i> (<i>Dusky Moorhen</i>)			
88.	24763 <i>Gallinula tenebrosa subsp. tenebrosa</i> (<i>Dusky Moorhen</i>)			
89.	24764 <i>Gallinula ventralis</i> (<i>Black-tailed Native-hen</i>)			
90.	25730 <i>Gallirallus philippensis</i> (<i>Buff-banded Rail</i>)			
91.	25530 <i>Gerygone fusca</i> (<i>Western Gerygone</i>)			
92.	24735 <i>Glossopsitta porphyrocephala</i> (<i>Purple-crowned Lorikeet</i>)			
93.	24443 <i>Grallina cyanoleuca</i> (<i>Magpie-lark</i>)			
94.	24293 <i>Haliaeetus leucogaster</i> (<i>White-bellied Sea-Eagle</i>)		IA	
95.	24295 <i>Haliastur sphenurus</i> (<i>Whistling Kite</i>)			
96.	25410 <i>Heleioporus eyrei</i> (<i>Moaning Frog</i>)			
97.	25119 <i>Hemiergis quadrilineata</i>			
98.	25734 <i>Himantopus himantopus</i> (<i>Black-winged Stilt</i>)			
99.	24491 <i>Hirundo neoxena</i> (<i>Welcome Swallow</i>)			
100.	<i>Idiosoma sigillatum</i>			
101.	25478 <i>Isoodon obesulus</i> (<i>Southern Brown Bandicoot</i>)		P5	
102.	24153 <i>Isoodon obesulus subsp. fusciventer</i> (<i>Quenda, Southern Brown Bandicoot</i>)		P5	
103.	<i>Isopeida leishmanni</i>			
104.	<i>Lampona cylindrata</i>			
105.	<i>Latrodectus hasseltii</i>			
106.	33982 <i>Leioproctus contrarius</i> (<i>bee</i>)		P3	
107.	25131 <i>Lerista distinguenda</i>			
108.	25147 <i>Lerista lineata</i> (<i>Perth Slider, Lined Skink</i>)		P3	
109.	25005 <i>Lialis burtonis</i>			
110.	25661 <i>Lichmera indistincta</i> (<i>Brown Honeyeater</i>)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
111.	25415 <i>Limnodynastes dorsalis</i> (Western Banjo Frog)			
112.	25378 <i>Litoria adelaidensis</i> (Slender Tree Frog)			
113.	25388 <i>Litoria moorei</i> (Motorbike Frog)			
114.	<i>Longepi woodman</i>			
115.	<i>Lycosa gilberta</i>			
116.	24132 <i>Macropus fuliginosus</i> (Western Grey Kangaroo)			
117.	24133 <i>Macropus irma</i> (Western Brush Wallaby)		P4	
118.	24326 <i>Malacorhynchus membranaceus</i> (Pink-eared Duck)			
119.	25654 <i>Malurus splendens</i> (Splendid Fairy-wren)			
120.	24583 <i>Manorina flavigula</i> (Yellow-throated Miner)			
121.	25758 <i>Megalurus gramineus</i> (Little Grassbird)			
122.	25663 <i>Melithreptus brevirostris</i> (Brown-headed Honeyeater)			
123.	24587 <i>Melithreptus chloropsis</i> (Western White-naped Honeyeater)			
124.	25184 <i>Menetia greyii</i>			
125.	24598 <i>Merops ornatus</i> (Rainbow Bee-eater)		IA	
126.	<i>Mituliodon tarantulinus</i>			
127.	<i>Mitzoruga insularis</i>			
128.	25610 <i>Myiagra inquieta</i> (Restless Flycatcher)			
129.	25420 <i>Myobatrachus gouldii</i> (Turtle Frog)			
130.	24146 <i>Myrmecobius fasciatus</i> (Numbat, Walpurti)		T	
131.	24738 <i>Neophema elegans</i> (Elegant Parrot)			
132.	25748 <i>Ninox novaeseelandiae</i> (Boobook Owl)			
133.	24820 <i>Ninox novaeseelandiae</i> subsp. <i>boobook</i> (Boobook Owl)			
134.	25252 <i>Notechis scutatus</i> (Tiger Snake)			
135.	25564 <i>Nycticorax caledonicus</i> (Rufous Night Heron)			
136.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
137.	24328 <i>Oxyura australis</i> (Blue-billed Duck)		P4	
138.	25679 <i>Pachycephala pectoralis</i> (Golden Whistler)			
139.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
140.	25253 <i>Parasuta gouldii</i>			
141.	25681 <i>Pardalotus punctatus</i> (Spotted Pardalote)			
142.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
143.	24648 <i>Pelecanus conspicillatus</i> (Australian Pelican)			
144.	24659 <i>Petroica goodenovii</i> (Red-capped Robin)			
145.	25697 <i>Phalacrocorax carbo</i> (Great Cormorant)			
146.	25698 <i>Phalacrocorax melanoleucos</i> (Little Pied Cormorant)			
147.	24667 <i>Phalacrocorax sulcirostris</i> (Little Black Cormorant)			
148.	24409 <i>Phaps chalcoptera</i> (Common Bronzewing)			
149.	<i>Phenasteron longiconductor</i>			
150.	24596 <i>Phylidonyris novaehollandiae</i> (New Holland Honeyeater)			
151.	<i>Pinkfloydia harveii</i>			
152.	24841 <i>Platalea flavipes</i> (Yellow-billed Spoonbill)			
153.	25720 <i>Platycercus icterotis</i> (Western Rosella)			
154.	24843 <i>Plegadis falcinellus</i> (Glossy Ibis)		IA	
155.	25007 <i>Pletholax gracilis</i> subsp. <i>gracilis</i> (Keeled Legless Lizard)			
156.	24383 <i>Pluvialis squatarola</i> (Grey Plover)		IA	
157.	25703 <i>Podargus strigoides</i> (Tawny Frogmouth)			
158.	25704 <i>Podiceps cristatus</i> (Great Crested Grebe)			
159.	24907 <i>Pogona minor</i> subsp. <i>minor</i> (Dwarf Bearded Dragon)			
160.	24681 <i>Poliiocephalus poliocephalus</i> (Hoary-headed Grebe)			
161.	25722 <i>Polytelis anthopeplus</i> (Regent Parrot)			
162.	25731 <i>Porphyrio porphyrio</i> (Purple Swamphen)			
163.	24767 <i>Porphyrio porphyrio</i> subsp. <i>bellus</i> (Purple Swamphen)			
164.	24769 <i>Porzana fluminea</i> (Australian Spotted Crane)			
165.	25732 <i>Porzana pusilla</i> (Baillon's Crane)			
166.	24771 <i>Porzana tabuensis</i> (Spotless Crane)			
167.	<i>Prionosternum scutatatum</i>			
168.	25259 <i>Pseudonaja affinis</i> subsp. <i>affinis</i> (Dugite)			
169.	25433 <i>Pseudophryne guentheri</i> (Crawling Toadlet)			
170.	<i>Raveniella cirrata</i>			
171.	<i>Raveniella peckorum</i>			
172.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			
173.	25534 <i>Sericornis frontalis</i> (White-browed Scrubwren)			
174.	30948 <i>Smicrornis brevirostris</i> (Weebill)			
175.	24329 <i>Stictonetta naevosa</i> (Freckled Duck)			
176.	25597 <i>Strepera versicolor</i> (Grey Currawong)			
177.	25589 <i>Streptopelia chinensis</i> (Spotted Turtle-Dove)	Y		
178.	25590 <i>Streptopelia senegalensis</i> (Laughing Turtle-Dove)	Y		
179.	30950 <i>Streptopelia senegalensis</i> subsp. <i>senegalensis</i> (Laughing Turtle-Dove)	Y		
180.	<i>Supunna funerea</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
181.	33992 <i>Synemon gratiosa</i> (Graceful Sunmoth)		P4	
182.	25705 <i>Tachybaptus novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
183.	24682 <i>Tachybaptus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
184.	24331 <i>Tadorna tadornoides</i> (Australian Shelduck, Mountain Duck)			
185.	24844 <i>Threskiornis molucca</i> (Australian White Ibis)			
186.	24845 <i>Threskiornis spinicollis</i> (Straw-necked Ibis)			
187.	33994 <i>Throscodectes xiphos</i> (cricket)		P1	Y
188.	25519 <i>Tiliqua rugosa</i>			
189.	25204 <i>Tiliqua rugosa</i> subsp. <i>aspera</i>			
190.	25207 <i>Tiliqua rugosa</i> subsp. <i>rugosa</i>			
191.	25549 <i>Todiramphus sanctus</i> (Sacred Kingfisher)			
192.	25723 <i>Trichoglossus haematodus</i> (Rainbow Lorikeet)			
193.	24158 <i>Trichosurus vulpecula</i> subsp. <i>vulpecula</i> (Common Brushtail Possum)			
194.	24808 <i>Tringa nebularia</i> (Common Greenshank)		IA	
195.	<i>Urodacus novaehollandiae</i>			
196.	24386 <i>Vanellus tricolor</i> (Banded Lapwing)			
197.	<i>Venator immansueta</i>			
198.	24040 <i>Vulpes vulpes</i> (Red Fox)	Y		
199.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silvereye)			

Chromista

200. *Phytophthora cinnamomi*

Fungi

201. 38776 *Cortinarius phalarus*

202. 38795 *Hygrocybe conica*

203. 31280 *Lichenomphalia chromacea*

Plantae

204. 3374 *Acacia huegelii*

205. 30032 *Acacia saligna* subsp. *saligna*

206. 1775 *Adenanthos cygnorum* (Common Woollybush)

207. 1791 *Adenanthos obovatus* (Basket Flower)

208. 1728 *Allocasuarina fraseriana* (Sheoak, Kondil)

209. 1732 *Allocasuarina humilis* (Dwarf Sheoak)

210. 20184 *Amphipogon laguroides* subsp. *laguroides*

211. 199 *Amphipogon strictus* (Greybeard Grass)

212. 200 *Amphipogon turbinatus*

213. 7833 *Angianthus preissianus*

214. 1411 *Anigozanthos manglesii* (Mangles Kangaroo Paw, Kurulbrang)

215. 3686 *Aotus cordifolia*

216. 3692 *Aotus procumbens*

217. 207 *Aristida contorta* (Bunched Kerosene Grass)

218. 1264 *Arnocrinum preissii*

219. 8779 *Asparagus asparagoides* (Bridal Creeper)

220. 20350 *Astartea affinis*

221. 20283 *Astartea scoparia*

222. 7851 *Asteridea pulverulenta* (Common Bristle Daisy)

223. 6334 *Astroloma pallidum* (Kick Bush)

224. 6339 *Astroloma xerophyllum*

225. 2471 *Atriplex prostrata* (Hastate Orache)

226. 17234 *Austrostipa compressa*

227. 17245 *Austrostipa mollis*

228. 17737 *Azolla pinnata*

229. 42902 *Azolla rubra*

230. 1800 *Banksia attenuata* (Slender Banksia, Piara)

231. 32580 *Banksia dallanneyi* var. *dallanneyi*

232. 1822 *Banksia ilicifolia* (Holly-leaved Banksia)

233. 1834 *Banksia menziesii* (Firewood Banksia)

234. 1852 *Banksia telmatiaea* (Swamp Fox Banksia)

235. 741 *Baumea articulata* (Jointed Rush)

236. 744 *Baumea laxa*

237. 5393 *Beaufortia squarrosa* (Sand Bottlebrush, Puno)

238. 749 *Bolboschoenus caldwellii* (Marsh Club-rush)

239. 16636 *Boronia crenulata* subsp. *viminea*

240. 4417 *Boronia dichotoma*

241. 11381 *Boronia ramosa* subsp. *anethifolia*

242. 3710 *Bossiaea eriocarpa* (Common Brown Pea)

243. 30142 *Brachyloma preissii* subsp. *obtusifolium*

244. 30136 *Brachyloma preissii* subsp. *preissii*

245. 7867 *Brachyscome bellidioides*

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
246.	7878 <i>Brachyscome iberidifolia</i>			
247.	244 <i>Briza maxima</i> (Blowfly Grass)	Y		
248.	245 <i>Briza minor</i> (Shivery Grass)	Y		
249.	249 <i>Bromus diandrus</i> (Great Brome)	Y		
250.	12770 <i>Burchardia congesta</i>			
251.	3178 <i>Byblis gigantea</i> (Rainbow Plant)		P3	
252.	1277 <i>Caesia occidentalis</i>			
253.	15348 <i>Caladenia flava</i> subsp. <i>flava</i>			
254.	1596 <i>Caladenia huegelii</i> (Grand Spider Orchid)		T	
255.	1599 <i>Caladenia latifolia</i> (Pink Fairy Orchid)			
256.	15361 <i>Caladenia longicauda</i> subsp. <i>calcigena</i>			
257.	13859 <i>Caladenia longicauda</i> subsp. <i>clivicola</i>			
258.	15503 <i>Caladenia paludosa</i>			
259.	15398 <i>Caladenia xantha</i>			
260.	16365 <i>Calandrinia</i> sp. Kenwick (G.J. Keighery 10905)			
261.	19309 <i>Calectasia narragara</i>			
262.	36600 <i>Callitris pyramidalis</i> (Swamp Cypress)			
263.	5411 <i>Calothamnus hirsutus</i>			
264.	5415 <i>Calothamnus lateralis</i>			
265.	5439 <i>Calytrix angulata</i> (Yellow Starflower)			
266.	5458 <i>Calytrix flavescens</i> (Summer Starflower)			
267.	5460 <i>Calytrix fraseri</i> (Pink Summer Calytrix)			
268.	2794 <i>Carpobrotus aequilaterus</i> (Angular Pigface)	Y		
269.	2795 <i>Carpobrotus edulis</i> (Hottentot Fig)	Y		
270.	1162 <i>Cartonema phylloides</i>			
271.	2957 <i>Cassytha racemosa</i> (Dodder Laurel)			
272.	6542 <i>Centaurium tenuiflorum</i>	Y		
273.	6214 <i>Centella asiatica</i>			
274.	1125 <i>Centrolepis drummondiana</i>			
275.	1134 <i>Centrolepis polygyna</i> (Wiry Centrolepis)			
276.	2889 <i>Cerastium glomeratum</i> (Mouse Ear Chickweed)	Y		
277.	17685 <i>Chaetanthus aristatus</i>			
278.	18156 <i>Chamaecytisus palmensis</i> (Tagasaste)	Y		
279.	1280 <i>Chamaescilla corymbosa</i> (Blue Squill)			
280.	2483 <i>Chenopodium album</i> (Fat Hen)	Y		
281.	2490 <i>Chenopodium glaucum</i> (Glaucous Goosefoot)	Y		
282.	7937 <i>Cirsium vulgare</i> (Spear Thistle)	Y		
283.	4550 <i>Comesperma calymega</i> (Blue-spike Milkwort)			
284.	4554 <i>Comesperma flavum</i>			
285.	1858 <i>Conospermum amoenum</i> (Blue Smokebush)			
286.	6348 <i>Conostephium pendulum</i> (Pearl Flower)			
287.	6349 <i>Conostephium preissii</i>			
288.	1418 <i>Conostylis aculeata</i> (Prickly Conostylis)			
289.	11826 <i>Conostylis aculeata</i> subsp. <i>aculeata</i>			
290.	11695 <i>Conostylis festucacea</i> subsp. <i>festucacea</i>			
291.	1436 <i>Conostylis juncea</i>			
292.	7939 <i>Conyza bonariensis</i> (Flaxleaf Fleabane)	Y		
293.	7941 <i>Conyza parva</i>	Y		
294.	20074 <i>Conyza sumatrensis</i>	Y		
295.	1285 <i>Corynotheca micrantha</i> (Sand Lily)			
296.	7945 <i>Cotula coronopifolia</i> (Waterbuttons)	Y		
297.	3137 <i>Crassula colorata</i> (Dense Stonecrop)			
298.	3139 <i>Crassula exserta</i>			
299.	13527 <i>Croninia kingiana</i>			
300.	16245 <i>Cyathochaeta teretifolia</i>		P3	
301.	40660 <i>Cycnogeton huegelii</i>			
302.	783 <i>Cyperus congestus</i> (Dense Flat-sedge)	Y		
303.	10916 <i>Cyrtostylis huegelii</i>			
304.	10942 <i>Cyrtostylis tenuissima</i>			
305.	17692 <i>Cytogonidium leptocarpoides</i>			
306.	7451 <i>Dampiera lavandulacea</i>			
307.	7454 <i>Dampiera linearis</i> (Common Dampiera)			
308.	5508 <i>Darwinia citriodora</i> (Lemon-scented Darwinia)			
309.	1218 <i>Dasypogon bromeliifolius</i> (Pineapple Bush)			
310.	3845 <i>Daviesia triflora</i>			
311.	16595 <i>Desmocladius flexuosus</i>			
312.	1259 <i>Dianella revoluta</i> (Blueberry Lily)			
313.	1287 <i>Dichopogon capillipes</i>			
314.	17838 <i>Dielsia stenostachya</i>			
315.	13635 <i>Drakaea micrantha</i>		T	

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316.	13217 <i>Drosera erythrorhiza</i> subsp. <i>erythrorhiza</i>			
317.	3106 <i>Drosera macrantha</i> (Bridal Rainbow)			
318.	13216 <i>Drosera menziesii</i> subsp. <i>penicillaris</i>			
319.	13191 <i>Drosera occidentalis</i> subsp. <i>occidentalis</i>		P4	
320.	13188 <i>Drosera paleacea</i> subsp. <i>paleacea</i>			
321.	8911 <i>Drosera rosulata</i>			
322.	3131 <i>Drosera stolonifera</i> (Leafy Sundew)			
323.	33500 <i>Dysphania ambrosioides</i> (Mexican Tea)	Y		
324.	2501 <i>Dysphania glomulifera</i>			
325.	11368 <i>Dysphania glomulifera</i> subsp. <i>glomulifera</i>			
326.	11105 <i>Echinochloa crus-galli</i>	Y		
327.	347 <i>Ehrharta calycina</i> (Perennial Veldt Grass)	Y		
328.	349 <i>Ehrharta longiflora</i> (Annual Veldt Grass)	Y		
329.	5187 <i>Elatine gratioloides</i> (Waterwort)			
330.	822 <i>Eleocharis acuta</i> (Common Spikerush)			
331.	1645 <i>Epiblema grandiflorum</i> (Babe-in-a-cradle)			
332.	6133 <i>Epilobium hirtigerum</i> (Hairy Willow Herb)			
333.	13950 <i>Eremaea asterocarpa</i> subsp. <i>asterocarpa</i>			
334.	15412 <i>Eriochilus dilatatus</i> subsp. <i>multiflorus</i>			
335.	15414 <i>Eriochilus helonomus</i>			
336.	15415 <i>Eriochilus scaber</i> subsp. <i>scaber</i>			
337.	5763 <i>Eucalyptus rudis</i> (Flooded Gum, Kulurda)			
338.	5790 <i>Eucalyptus todtiana</i> (Coastal Blackbutt)			
339.	3872 <i>Euchilopsis linearis</i> (Swamp Pea)			
340.	4648 <i>Euphorbia terracina</i> (Geraldton Carnation Weed)	Y		
341.	3880 <i>Eutaxia virgata</i>			
342.	835 <i>Evandra pauciflora</i>			
343.	1747 <i>Ficus carica</i> (Common Fig)	Y		
344.	20483 <i>Gastrolobium linearifolium</i>			
345.	1520 <i>Gladiolus caryophyllaceus</i> (Wild Gladiolus)	Y		
346.	17043 <i>Glyceria declinata</i>	Y		
347.	12624 <i>Gnephosis angianthoides</i>			
348.	6587 <i>Gomphocarpus fruticosus</i> (Narrowleaf Cottonbush)	Y		
349.	10909 <i>Gompholobium confertum</i>			
350.	3957 <i>Gompholobium tomentosum</i> (Hairy Yellow Pea)			
351.	6160 <i>Gonocarpus paniculatus</i>			
352.	6161 <i>Gonocarpus pithyoides</i>			
353.	19286 <i>Goodenia pulchella</i> subsp. <i>Coastal Plain A (M. Hislop 634)</i>			
354.	19628 <i>Grevillea bipinnatifida</i> subsp. <i>bipinnatifida</i>			
355.	2032 <i>Grevillea leucopteris</i> (White Plume Grevillea)			
356.	1475 <i>Haemodorum spicatum</i> (Mardja)			
357.	2197 <i>Hakea prostrata</i> (Harsh Hakea)			
358.	2216 <i>Hakea varia</i> (Variable-leaved Hakea)			
359.	3961 <i>Hardenbergia comptoniana</i> (Native Wisteria)			
360.	29594 <i>Helichrysum luteoalbum</i> (Jersey Cudweed)			
361.	6710 <i>Heliotropium europaeum</i> (Common Heliotrope)	Y		
362.	6839 <i>Hemiandra pungens</i> (Snakebush)			
363.	1293 <i>Hensmania turbinata</i>			
364.	19778 <i>Hibbertia glomerata</i> subsp. <i>darlingensis</i>			
365.	5134 <i>Hibbertia huegelii</i>			
366.	5135 <i>Hibbertia hypericoides</i> (Yellow Buttercups)			
367.	5162 <i>Hibbertia racemosa</i> (Stalked Guinea Flower)			
368.	43280 <i>Hibbertia sericosepala</i>			
369.	5173 <i>Hibbertia subvaginata</i>			
370.	5176 <i>Hibbertia vaginata</i>			
371.	444 <i>Holcus lanatus</i> (Yorkshire Fog)	Y		
372.	6222 <i>Homalosciadium homalocarpum</i>			
373.	3968 <i>Hovea trisperma</i> (Common Hovea)			
374.	5817 <i>Hypocalymma angustifolium</i> (White Myrtle, Kudjid)			
375.	5825 <i>Hypocalymma robustum</i> (Swan River Myrtle)			
376.	8086 <i>Hypochoeris glabra</i> (Smooth Catsear)	Y		
377.	9352 <i>Hypochoeris radicata</i> (Flat Weed)	Y		
378.	17841 <i>Hypolaena pubescens</i>			
379.	20200 <i>Isolepis cernua</i> var. <i>setiformis</i>			
380.	917 <i>Isolepis marginata</i> (Coarse Club-rush)			
381.	921 <i>Isolepis producta</i>			
382.	4012 <i>Jacksonia furcellata</i> (Grey Stinkwood)			
383.	20462 <i>Jacksonia gracillima</i>		P3	
384.	4027 <i>Jacksonia sericea</i> (Waldjumi)		P4	
385.	4029 <i>Jacksonia sternbergiana</i> (Stinkwood, Kapur)			

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386.	1178 <i>Juncus bufonius</i> (Toad Rush)	Y		
387.	1186 <i>Juncus microcephalus</i>	Y		
388.	1188 <i>Juncus pallidus</i> (Pale Rush)			
389.	1190 <i>Juncus planifolius</i> (Broadleaf Rush)			
390.	4044 <i>Kennedia prostrata</i> (Scarlet Runner)			
391.	15498 <i>Kunzea glabrescens</i> (Spearwood)			
392.	5835 <i>Kunzea micrantha</i>			
393.	20019 <i>Lachnagrostis filiformis</i>			
394.	19955 <i>Lachnagrostis plebeia</i>			
395.	6777 <i>Lachnostachys albicans</i>			
396.	8095 <i>Lactuca saligna</i> (Wild Lettuce)	Y		
397.	18585 <i>Lagenophora huegelii</i>			
398.	4052 <i>Latrobea tenella</i>			
399.	1307 <i>Laxmannia ramosa</i> (Branching Lily)			
400.	11911 <i>Laxmannia ramosa</i> subsp. <i>ramosa</i>			
401.	11464 <i>Laxmannia sessiliflora</i> subsp. <i>australis</i>			
402.	1309 <i>Laxmannia squarrosa</i>			
403.	7574 <i>Lechenaultia floribunda</i> (Free-flowering Leschenaultia)			
404.	44490 <i>Leontodon rhagadioloides</i>	Y		
405.	8099 <i>Leontodon saxatilis</i> (Hairy Hawkbit)	Y		
406.	925 <i>Lepidosperma angustatum</i>			
407.	937 <i>Lepidosperma longitudinale</i> (Pithy Sword-sedge)			
408.	940 <i>Lepidosperma pubisquamum</i>			
409.	41649 <i>Lepidosperma rigidulum</i>			
410.	19833 <i>Leptocarpus laxus</i>			
411.	2344 <i>Leptomeria empetriformis</i>			
412.	2350 <i>Leptomeria pauciflora</i> (Sparse-flowered Currant Bush)			
413.	6360 <i>Leucopogon australis</i> (Spiked Beard-heath)			
414.	6374 <i>Leucopogon conostephioides</i>			
415.	6425 <i>Leucopogon oxycedrus</i>			
416.	6434 <i>Leucopogon polymorphus</i>			
417.	40803 <i>Leucopogon squarrosus</i> subsp. <i>squarrosus</i>			
418.	6451 <i>Leucopogon tenuis</i>			
419.	9289 <i>Lobelia anceps</i> (Angled Lobelia)			
420.	7408 <i>Lobelia tenuior</i> (Slender Lobelia)			
421.	478 <i>Lolium rigidum</i> (Wimmera Ryegrass)	Y		
422.	1223 <i>Lomandra caespitosa</i> (Tufted Mat Rush)			
423.	1228 <i>Lomandra hermaphrodita</i>			
424.	1239 <i>Lomandra preissii</i>			
425.	1243 <i>Lomandra sericea</i> (Silky Mat Rush)			
426.	4059 <i>Lotus angustissimus</i> (Narrowleaf Trefoil)	Y		
427.	8564 <i>Lotus subbiflorus</i>	Y		
428.	4065 <i>Lupinus angustifolius</i> (Narrowleaf Lupin)	Y		
429.	1097 <i>Lyginia barbata</i>			
430.	18049 <i>Lyginia imberbis</i>			
431.	6456 <i>Lysinema ciliatum</i> (Curry Flower)			
432.	6458 <i>Lysinema elegans</i>			
433.	5281 <i>Lythrum hyssopifolia</i> (Lesser Loosestrife)	Y		
434.	2838 <i>Macarthuria apetala</i>			
435.	2839 <i>Macarthuria australis</i>			
436.	85 <i>Macrozamia riedlei</i> (Zamia, Djiridji)			
437.	4079 <i>Medicago polymorpha</i> (Burr Medic)	Y		
438.	17683 <i>Meeboldina cana</i>			
439.	34676 <i>Meionectes brownii</i> (Swamp Raspwort)			
440.	37580 <i>Melaleuca acutifolia</i>			
441.	5900 <i>Melaleuca cuticularis</i> (Saltwater Paperbark)			
442.	13273 <i>Melaleuca incana</i> subsp. <i>incana</i>			
443.	5926 <i>Melaleuca lateritia</i> (Robin Redbreast Bush)			
444.	5959 <i>Melaleuca raphiophylla</i> (Swamp Paperbark)			
445.	5964 <i>Melaleuca seriata</i>			
446.	5978 <i>Melaleuca teretifolia</i> (Banbar)			
447.	5980 <i>Melaleuca thymoides</i>			
448.	5987 <i>Melaleuca viminea</i> (Mohan)			
449.	4085 <i>Melilotus indicus</i>	Y		
450.	953 <i>Mesomelaena graciliceps</i>			
451.	15419 <i>Microtis media</i> subsp. <i>media</i>			
452.	16693 <i>Minuartia mediterranea</i>	Y		
453.	4666 <i>Monotaxis occidentalis</i>			
454.	14293 <i>Oenothera indecora</i> subsp. <i>bonariensis</i>	Y		
455.	16347 <i>Oenothera laciniata</i>	Y		

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
456.	6140 <i>Oenothera mollissima</i>	Y		
457.	7090 <i>Parentucella viscosa</i> (Sticky Bartsia)	Y		
458.	527 <i>Paspalum dilatatum</i>	Y		
459.	1550 <i>Patersonia occidentalis</i> (Purple Flag, Koma)			
460.	4343 <i>Pelargonium capitatum</i> (Rose Pelargonium)	Y		
461.	6006 <i>Pericalymma ellipticum</i> (Swamp Teatree)			
462.	16477 <i>Pericalymma ellipticum</i> var. <i>ellipticum</i>			
463.	11052 <i>Pescicaria prostrata</i>			
464.	2273 <i>Persoonia saccata</i> (Snottygobble)			
465.	20391 <i>Petrophile juncifolia</i>			
466.	2299 <i>Petrophile linearis</i> (Pixie Mops)			
467.	1478 <i>Phlebocarya ciliata</i>			
468.	1479 <i>Phlebocarya filifolia</i>			
469.	11557 <i>Phlebocarya pilosissima</i> subsp. <i>pilosissima</i>		P3	
470.	4141 <i>Phyllota gracilis</i>			
471.	2793 <i>Phytolacca octandra</i> (Red Ink Plant)	Y		
472.	5252 <i>Pimelea lanata</i>			
473.	4524 <i>Platytheca galioides</i>			
474.	8184 <i>Podotheca gnaphalioides</i> (Golden Long-heads)			
475.	582 <i>Polypogon monspeliensis</i> (Annual Beardgrass)	Y		
476.	1670 <i>Prasophyllum drummondii</i> (Swamp Leek Orchid)			
477.	1673 <i>Prasophyllum gibbosum</i> (Humped Leek Orchid)			
478.	1674 <i>Prasophyllum giganteum</i> (Bronze Leek Orchid)			
479.	1676 <i>Prasophyllum hians</i> (Yawning Leek Orchid)			
480.	1681 <i>Prasophyllum regium</i> (King Leek Orchid)			
481.	17267 <i>Pterostylis brevisepala</i>			
482.	44723 <i>Pterostylis glebosa</i>			
483.	12217 <i>Pterostylis sanguinea</i>			
484.	18648 <i>Pterostylis</i> sp. <i>cauline leaves</i> (N. Gibson & M.N. Lyons 1490)			
485.	18655 <i>Pterostylis</i> sp. <i>crinkled leaf</i> (G.J. Keighery 13426)			
486.	2718 <i>Ptilotus drummondii</i> (Narrowleaf Mulla Mulla)			
487.	4177 <i>Pultenaea ochreatea</i>			
488.	4181 <i>Pultenaea reticulata</i>			
489.	6012 <i>Regelia ciliata</i>			
490.	4822 <i>Rhamnus alaternus</i> (Buckthorn)	Y		
491.	14485 <i>Romulea flava</i> var. <i>minor</i>	Y		
492.	14924 <i>Romulea rosea</i> var. <i>communis</i>	Y		
493.	6263 <i>Schoenolaena juncea</i>			
494.	973 <i>Schoenus asperocarpus</i> (Poison Sedge)			
495.	979 <i>Schoenus caespititius</i>			
496.	984 <i>Schoenus curvifolius</i>			
497.	986 <i>Schoenus efoliatus</i>			
498.	992 <i>Schoenus grandiflorus</i> (Large Flowered Bogrush)			
499.	1008 <i>Schoenus pennisetis</i>		P3	
500.	1011 <i>Schoenus rigens</i>			
501.	1017 <i>Schoenus subbulbosus</i>			
502.	1018 <i>Schoenus subfascicularis</i>			
503.	6033 <i>Scholtzia involucrata</i> (Spiked Scholtzia)			
504.	8203 <i>Senecio diaschides</i>			
505.	7020 <i>Solanum linnaeanum</i> (Apple of Sodom)	Y		
506.	8228 <i>Solidago canadensis</i> (Goldenrod)	Y		
507.	8231 <i>Sonchus oleraceus</i> (Common Sowthistle)	Y		
508.	2316 <i>Stirlingia latifolia</i> (Blueboy)			
509.	25831 <i>Stylidium araeophyllum</i>			
510.	7693 <i>Stylidium brunonianum</i> (Pink Fountain Triggerplant)			
511.	7696 <i>Stylidium calcaratum</i> (Book Triggerplant)			
512.	7717 <i>Stylidium divaricatum</i> (Daddy-long-legs)			
513.	7734 <i>Stylidium guttatum</i> (Dotted Triggerplant)			
514.	7756 <i>Stylidium longitubum</i> (Jumping Jacks)		P3	
515.	25829 <i>Stylidium neurophyllum</i>			
516.	25800 <i>Stylidium paludicola</i>		P3	
517.	7774 <i>Stylidium piliferum</i> (Common Butterfly Triggerplant)			
518.	7777 <i>Stylidium preissii</i> (Lizard Triggerplant)			
519.	7785 <i>Stylidium repens</i> (Matted Triggerplant)			
520.	7790 <i>Stylidium roseoalatum</i> (Pink-wing Triggerplant)			
521.	25806 <i>Stylidium scariosum</i>			
522.	7806 <i>Stylidium utricularioides</i> (Pink Fan Triggerplant)			
523.	1260 <i>Stypantra glauca</i> (Blind Grass)			
524.	37360 <i>Tamarix ramosissima</i>	Y		
525.	1716 <i>Thelymitra tigrina</i> (Tiger Orchid)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
526.	1318 <i>Thysanotus arbuscula</i>			
527.	1338 <i>Thysanotus manglesianus</i> (Fringed Lily)			
528.	1339 <i>Thysanotus multiflorus</i> (Many-flowered Fringe Lily)			
529.	1343 <i>Thysanotus patersonii</i>			
530.	1358 <i>Thysanotus triandrus</i>			
531.	6280 <i>Trachymene pilosa</i> (Native Parsnip)			
532.	4383 <i>Tribulus terrestris</i> (Caltrop)	Y		
533.	1363 <i>Tricoryne tenella</i>			
534.	1038 <i>Tricostularia neesii</i>			
535.	17145 <i>Trifolium angustifolium</i> var. <i>angustifolium</i>	Y		
536.	14738 <i>Trifolium resupinatum</i> var. <i>resupinatum</i>	Y		
537.	16998 <i>Tripterococcus paniculatus</i>		P4	
538.	4360 <i>Tropaeolum majus</i> (Garden Nasturtium)	Y		
539.	98 <i>Typha domingensis</i> (Bulrush, Djandjid)			
540.	8255 <i>Ursinia anthemoides</i> (Ursinia)	Y		
541.	38388 <i>Ursinia anthemoides</i> subsp. <i>anthemoides</i>	Y		
542.	15432 <i>Verticordia densiflora</i> var. <i>densiflora</i>			
543.	14714 <i>Verticordia lindleyi</i> subsp. <i>lindleyi</i>		P4	
544.	11474 <i>Vicia sativa</i> subsp. <i>nigra</i>	Y		
545.	7384 <i>Wahlenbergia capensis</i> (Cape Bluebell)	Y		
546.	7389 <i>Wahlenbergia preissii</i>			
547.	1256 <i>Xanthorrhoea preissii</i> (Grass tree, Palga)			
Protozoa				
548.	38963 <i>Arcyria affinis</i>			Y
549.	38964 <i>Arcyria cinerea</i>			
550.	38965 <i>Arcyria denudata</i>			
551.	38966 <i>Arcyria ferruginea</i>			
552.	38967 <i>Arcyria incarnata</i>			
553.	44709 <i>Arcyria major</i>			Y
554.	38970 <i>Arcyria obvelata</i>			
555.	38973 <i>Arcyria pomiformis</i>			
556.	38974 <i>Arcyria stipata</i>			
557.	38975 <i>Badhamia capsulifera</i>			Y
558.	38981 <i>Calomyxa metallica</i>			Y
559.	38982 <i>Ceratiomyxa fruticulosa</i>			
560.	38983 <i>Clastoderma debaryanum</i>			
561.	38984 <i>Collaria arcyronema</i>			
562.	38988 <i>Comatricha laxa</i>			
563.	38990 <i>Comatricha nigra</i>			
564.	38991 <i>Comatricha pulchella</i>			
565.	38997 <i>Craterium leucocephalum</i>			
566.	38998 <i>Craterium minutum</i>			
567.	39001 <i>Cribraria cancellata</i>			
568.	39002 <i>Cribraria microcarpa</i>			
569.	39003 <i>Cribraria minutissima</i>			
570.	39011 <i>Diderma asteroides</i>			
571.	39023 <i>Didymium perforatum</i>			Y
572.	39024 <i>Didymium serpula</i>			
573.	39025 <i>Didymium squamulosum</i>			
574.	39029 <i>Echinostelium minutum</i>			
575.	42241 <i>Elaeomyxa reticulospora</i>			Y
576.	39030 <i>Enerthenema papillatum</i>			
577.	39033 <i>Fuligo septica</i>			
578.	39041 <i>Licea kleistobolus</i>			
579.	39046 <i>Licea rufocuprea</i>			Y
580.	39048 <i>Lycogala epidendrum</i>			
581.	39054 <i>Oligonema schweinitzii</i>			
582.	39058 <i>Perichaena depressa</i>			
583.	39061 <i>Physarum bitectum</i>			
584.	39062 <i>Physarum bivalve</i>			
585.	39063 <i>Physarum cinereum</i>			
586.	39064 <i>Physarum citrinum</i>			Y
587.	39065 <i>Physarum compressum</i>			
588.	39069 <i>Physarum famintzinii</i>			Y
589.	39072 <i>Physarum melleum</i>			
590.	39074 <i>Physarum pusillum</i>			
591.	39076 <i>Physarum sessile</i>			
592.	39079 <i>Physarum viride</i>			
593.	39083 <i>Stemonitis fusca</i>			
594.	39088 <i>Stemonitis virginiensis</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
595.	39090 <i>Stemonitopsis gracilis</i>			
596.	40882 <i>Stemonitopsis hyperopta</i>			
597.	39095 <i>Trichia botrytis</i>			
598.	39096 <i>Trichia contorta</i>			
599.	39097 <i>Trichia decipiens</i>			
600.	39100 <i>Trichia persimilis</i>			
601.	39101 <i>Trichia varia</i>			
602.	39102 <i>Trichia verrucosa</i>			
603.	39103 <i>Tubifera ferruginosa</i>			
604.	39104 <i>Willkommlangea reticulata</i>			

Conservation Codes

- T - Rare or likely to become extinct
- X - Presumed extinct
- IA - Protected under international agreement
- S - Other specially protected fauna
- 1 - Priority 1
- 2 - Priority 2
- 3 - Priority 3
- 4 - Priority 4
- 5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 05/10/15 17:04:00

[Summary](#)

[Details](#)

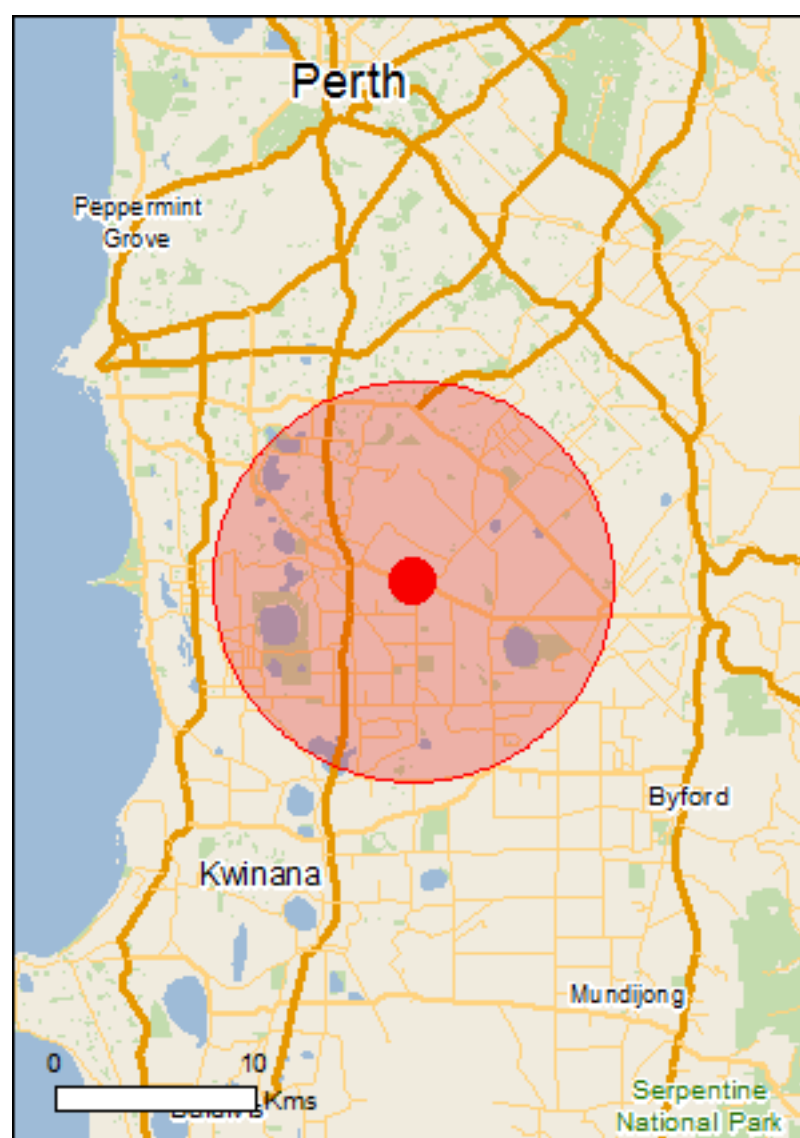
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2010

[Coordinates](#)

Buffer: 10.0Km



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	2
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	2
Listed Threatened Species:	28
Listed Migratory Species:	21

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	28
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Commonwealth Reserves Marine:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

State and Territory Reserves:	11
Regional Forest Agreements:	None
Invasive Species:	44
Nationally Important Wetlands:	3
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar)	[Resource Information]
Name	Proximity
Forrestdale and thomsons lakes Peel-yalgorup system	Within Ramsar site 30 - 40km upstream

Listed Threatened Ecological Communities	[Resource Information]
For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.	

Name	Status	Type of Presence
Claypans of the Swan Coastal Plain	Critically Endangered	Community likely to occur within area
Subtropical and Temperate Coastal Saltmarsh	Vulnerable	Community likely to occur within area

Listed Threatened Species	[Resource Information]
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Name	Status	Type of Presence
Birds		
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Roosting known to occur within area
Calyptorhynchus banksii naso Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat may occur within area
Calyptorhynchus baudinii Baudin's Black-Cockatoo, Long-billed Black-Cockatoo [769]	Vulnerable	Roosting known to occur within area
Calyptorhynchus latirostris Carnaby's Black-Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Breeding likely to occur within area
Leipoa ocellata Malleefowl [934]	Vulnerable	Species or species habitat likely to occur within area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat likely to occur within area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area
Insects		
Leioproctus douglasiellus a short-tongued bee [66756]	Critically Endangered	Species or species habitat known to occur within area
Neopasiphae simplicior A native bee [66821]	Critically Endangered	Species or species habitat likely to occur

Name	Status	Type of Presence within area
Mammals		
Bettongia penicillata ogilbyi Woylie [66844]	Endangered	Species or species habitat may occur within area
Dasyurus geoffroii Chuditch, Western Quoll [330]	Vulnerable	Species or species habitat known to occur within area
Pseudocheirus occidentalis Western Ringtail Possum, Ngwayir [25911]	Vulnerable	Species or species habitat likely to occur within area
Setonix brachyurus Quokka [229]	Vulnerable	Species or species habitat may occur within area
Plants		
Andersonia gracilis Slender Andersonia [14470]	Endangered	Species or species habitat may occur within area
Caladenia huegelii King Spider-orchid, Grand Spider-orchid, Rusty Spider-orchid [7309]	Endangered	Species or species habitat known to occur within area
Darwinia foetida Mucheia Bell [83190]	Critically Endangered	Species or species habitat likely to occur within area
Diuris micrantha Dwarf Bee-orchid [55082]	Vulnerable	Species or species habitat known to occur within area
Diuris purdiei Purdie's Donkey-orchid [12950]	Endangered	Species or species habitat known to occur within area
Drakaea elastica Glossy-leafed Hammer-orchid, Praying Virgin [16753]	Endangered	Species or species habitat known to occur within area
Drakaea micrantha Dwarf Hammer-orchid [56755]	Vulnerable	Species or species habitat known to occur within area
Eucalyptus balanites Cadda Road Mallee, Cadda Mallee [24264]	Endangered	Species or species habitat likely to occur within area
Grevillea curviloba subsp. incurva Narrow curved-leaf Grevillea [64909]	Endangered	Species or species habitat may occur within area
Lepidosperma rostratum Beaked Lepidosperma [14152]	Endangered	Species or species habitat likely to occur within area
Synaphea sp. Fairbridge Farm (D.Papenfus 696) Selena's Synaphea [82881]	Critically Endangered	Species or species habitat likely to occur within area
Synaphea stenoloba Dwellingup Synaphea [66311]	Endangered	Species or species habitat may occur within area
Thelymitra manginii K.Dixon & Batty ms. [67443]	Endangered	Species or species habitat may occur within area
Thelymitra stellata Star Sun-orchid [7060]	Endangered	Species or species

Name	Status	Type of Presence
		habitat likely to occur within area
Listed Migratory Species		[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Migratory Wetlands Species		
Ardea alba Great Egret, White Egret [59541]		Breeding known to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Roosting known to occur within area
Calidris canutus Red Knot, Knot [855]		Roosting known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Roosting known to occur within area
Calidris melanotos Pectoral Sandpiper [858]		Roosting known to occur within area
Calidris ruficollis Red-necked Stint [860]		Roosting known to occur within area
Calidris subminuta Long-toed Stint [861]		Roosting known to occur within area
Charadrius dubius Little Ringed Plover [896]		Roosting known to occur within area
Gallinago megala Swinhoe's Snipe [864]		Roosting likely to occur within area
Gallinago stenura Pin-tailed Snipe [841]		Roosting likely to occur within area
Limosa limosa Black-tailed Godwit [845]		Roosting known to occur within area
Numenius minutus Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
Pandion haliaetus Osprey [952]		Breeding known to occur within area
Philomachus pugnax Ruff (Reeve) [850]		Roosting known to occur within area

Name	Threatened	Type of Presence
Tringa glareola Wood Sandpiper [829]		Roosting known to occur within area
Tringa stagnatilis Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land [\[Resource Information \]](#)

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Name
Commonwealth Land -

Listed Marine Species [\[Resource Information \]](#)

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Breeding known to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Roosting known to occur within area
Calidris canutus Red Knot, Knot [855]		Roosting known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Roosting known to occur within area
Calidris melanotos Pectoral Sandpiper [858]		Roosting known to occur within area
Calidris ruficollis Red-necked Stint [860]		Roosting known to occur within area
Calidris subminuta Long-toed Stint [861]		Roosting known to occur within area
Charadrius dubius Little Ringed Plover [896]		Roosting known to occur within area
Charadrius ruficapillus Red-capped Plover [881]		Roosting known to occur

Name	Threatened	Type of Presence within area
Gallinago megala Swinhoe's Snipe [864]		Roosting likely to occur within area
Gallinago stenura Pin-tailed Snipe [841]		Roosting likely to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
Himantopus himantopus Black-winged Stilt [870]		Roosting known to occur within area
Limosa limosa Black-tailed Godwit [845]		Roosting known to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Numenius minutus Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
Pachyptila turtur Fairy Prion [1066]		Species or species habitat likely to occur within area
Pandion haliaetus Osprey [952]		Breeding known to occur within area
Philomachus pugnax Ruff (Reeve) [850]		Roosting known to occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Species or species habitat likely to occur within area
Recurvirostra novaehollandiae Red-necked Avocet [871]		Roosting known to occur within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat likely to occur within area
Thinornis rubricollis Hooded Plover [59510]		Species or species habitat known to occur within area
Tringa glareola Wood Sandpiper [829]		Roosting known to occur within area
Tringa stagnatilis Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area

Extra Information

State and Territory Reserves [\[Resource Information \]](#)

Name	State
Balannup Lake	WA
Forrestdale Lake	WA
Gibbs Road	WA
Harry Waring Marsupial Reserve	WA
Modong	WA
Piara	WA
Thomsons Lake	WA
Unnamed WA48291	WA
Unnamed WA49299	WA
Unnamed WA49561	WA
Wandi	WA

Invasive Species [\[Resource Information \]](#)

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.

Name	Status	Type of Presence
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Birds

Acridotheres tristis Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Carduelis carduelis European Goldfinch [403]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Passer domesticus House Sparrow [405]		Species or species habitat likely to occur within area
Passer montanus Eurasian Tree Sparrow [406]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Sturnus vulgaris Common Starling [389]		Species or species habitat likely to occur within area
Turdus merula Common Blackbird, Eurasian Blackbird [596]		Species or species habitat likely to occur within area

Mammals

Bos taurus Domestic Cattle [16]		Species or species habitat likely to occur within area
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